

Appendix 12G

Sacramento Splittail Useable Flooded Area Analyses

APPENDIX 12G

Sacramento Splittail Useable Flooded Area Analyses

12G.1 Overview

This appendix presents the Sacramento Splittail Useable Flooded Area Analyses used for the detailed evaluation of the proposed Project action alternatives (alternatives) in the North-of-the-Delta Offstream Storage Draft Environmental Impact Report/Environmental Impact Statement (NODOS DEIR/EIS). The complete fisheries impact assessment and methodology is described in [Chapter 12 Aquatic Biological Resources](#) and in [Appendix 12B and 12C](#).

12G.1.1 Introduction

Useable flooded area (UFA) was calculated to evaluate availability of potential Sacramento splittail spawning habitat in the lower American River and lower Feather River using the approaches described in [Appendix 12B](#) and in the Methodology sections of this appendix. The UFA was evaluated for the net differences of 10 percent exceedance under each alternative. This difference represents the percentage of time that UFA is greater (positive values) or lower (negative values) by 10 percent or more under an alternative compared to the baseline¹.

12G.2 Analyses

12G.2.1 Introduction

Important spawning areas for splittail include both the Yolo and Sutter bypasses, adjacent to the Sacramento River, and the Tuolumne River ([Moyle, 2002](#)). Some spawning of Sacramento splittail is known to occur in the Feather River ([USFWS, 1995](#)). Splittail may also spawn in the lower American River but in extremely low numbers, with the majority of potential spawning occurring in the lower sections of the river (i.e., downstream of RM 12). However, because most published studies on Sacramento splittail spawning, egg incubation and initial rearing have focused on floodplains outside the Feather River and American River watersheds, the relative importance of habitat suitability within the lower Feather River and lower American River for continued splittail persistence is unknown.

In wet years, splittail may migrate up the Sacramento River as far as Red Bluff and into the lower Feather and American rivers ([Moyle, 2002](#)). In the Feather River, Sacramento splittail have been collected as far upstream as Oroville ([USFWS, 1995](#)). However, seining and screw trap operations performed in the lower Feather River from January 1997 through August 2001 indicated the presence of low numbers of splittail, and only in the waters downstream the Thermalito Afterbay Outlet ([Seesholtz et al., 2003](#)). In the lower American River, Sacramento splittail have been collected in low numbers through fish community surveys conducted annually from 1991 through 1997 during the period extending from January through June ([Brown et al., 1992](#); [Snider and McEwan, 1993](#); [Snider and Keenan, 1994](#); [Snider and Titus, 1996](#); [Snider et al., 1998](#); [Snider and Titus, 2000](#)).

Splittail spawning generally occurs in water with a depth of 3.0 to 6.6 ft (0.9 to 2.0 m) over submerged vegetation where eggs adhere to vegetation or debris until hatching ([Moyle, 2002](#); [Wang, 1986](#)). In both

¹ For the purposes of comparison, the baseline includes both Existing Conditions and the No Project/No Action Alternative.

the lower American River and the lower Feather River, the assessment of suitable Sacramento splittail spawning habitat available under different flow conditions was conducted through an index that measures the area (in m²) of suitable habitat expected to be flooded under February through May flows. However, the procedure used to develop this index of flooded suitable spawning habitat was different for each river. The following paragraphs describe the procedures used for each river.

12G.2.2 Lower American River Methodology

Splittail may spawn in the lower American River in extremely low numbers, with the majority of potential spawning occurring in the lower sections of the river (i.e., downstream of RM 12). Consequently, expected altered river flows resulting from implementation of the alternatives could impact the availability of potential splittail spawning habitat within the lower American River by reducing the amount of riparian vegetation that would be inundated during the splittail spawning season (February through May).

The lower American River from RM 5 to the mouth is largely influenced by the water surface elevation of the Sacramento River. Therefore, the extent to which splittail spawning habitat, particularly inundated riparian vegetation, would be available along this lower reach of the river channel would be often controlled by the Sacramento River stage. Conversely, river stage in the portion of the river between RM 8 and RM 12, which is characterized by abundant backwater habitat, is controlled primarily by lower American River flows. The frequency and duration of riparian vegetation flooding in this area and, therefore, the quality and quantity of potential splittail spawning habitat, has the potential to be impacted by reduced flows.

Field measurements conducted for the interim reoperation of Folsom Dam and Lake indicated that the total amount of riparian vegetation (including mature forest with woody and herbaceous undergrowth, grass and shrubs) inundated within RM 8 to RM 9 ranged from 2.4 acres at a river flow of 4,540 cfs to 35.8 acres at a river flow of 22,570 cfs (SAFCA, 1999). The measurements of total riparian vegetation acreage inundated at the five distinct flow levels of the study (Table 1) showed a strong positive linear relationship with flow Q ($r^2 = 0.999$; $P < 0.001$).

This relationship was defined by the equation:

$$\text{Inundated Riparian Vegetation (acres)} = -6.4585 + 0.001874 \times Q \text{ (cfs)}$$

This linear regression predicts that zero acres of riparian habitat would be inundated at river flows of 3,446 cfs.

Table 1
Area (acres) of inundated riparian vegetation between RM 8 and RM 9 of the lower American River at five flow levels (Source: Table 1, SAFCA, 1999)

Lower American River Flow between RM 8 and RM 9 (cfs)	Area of Inundated Riparian Vegetation (acres)
22,570	35.8
10,040	12.8
8,520	9.5
7,360	6.6
4,540	2.4

SAFCA's field observations determined that the 2.4 acres of riparian vegetation inundated at 4,540 cfs primarily occurred within a narrow strip along the riverbank. This inundation zone was noted as being very shallow (i.e., generally less than two feet deep) and, therefore, unlikely to provide suitable potential habitat for splittail. Based on this observation, it was concluded that more than 2.4 acres of inundated vegetation must be present within the study area before potentially suitable splittail spawning habitat would be available (page 12, SAFCA, 1999).

To assess flow-related impacts to potential splittail spawning habitat availability during each month of the February through May period, for each year of the 82-year period of record simulated with the CALSIM II model (as described in Appendix 6B), the number of acres of flooded riparian habitat between RM 8 and RM 9 was first calculated by applying the above equation to the February through May flows at Watt Avenue (RM 9.5) under the various proposed Project action alternatives and the bases of comparison.

The final potential Sacramento splittail spawning habitat available under the various alternatives and the bases of comparison was then obtained by subtracting 2.4 acres from any positive acreage resulting from the application of the above equation, and converting the final result from acres to square meters.

12G.2.3 Lower Feather River Methodology

Some spawning of Sacramento splittail is known to occur in the lower Feather River. However, because most published studies on Sacramento splittail spawning, egg incubation and initial rearing have focused on floodplains outside the Feather River watershed, the relative importance of habitat suitability within the lower Feather River for continued Sacramento splittail persistence is unknown. The only recent study on Feather River Sacramento splittail habitat is DWR's FERC Relicensing Report SPF 3.2 Task 3B, Assessment of Potential Project Effects on Splittail Habitat (DWR, 2004). This effects assessment drew heavily on the analytical approach in that report.

Based on a literature review, DWR (DWR, 2004) determined February through May as the appropriate period, and the Feather River downstream of the Thermalito Diversion Dam as the appropriate location for the analysis of effects on splittail spawning, egg incubation and initial rearing in the Feather River. Two vegetation associations, gravel/sandbar and mixed emergent vegetation, were identified as providing suitable spawning habitat for splittail.

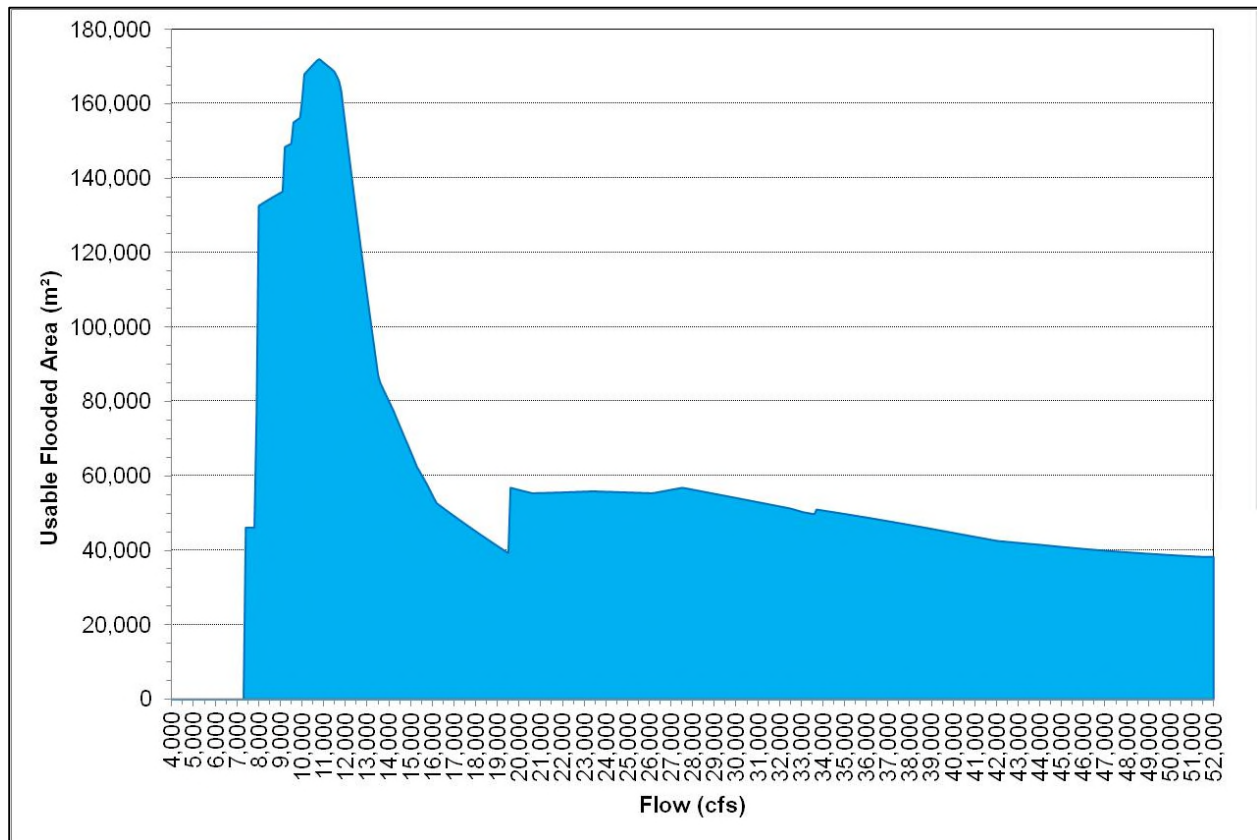
In November 2003, 10 sites with gravel/sandbar and mixed emergent vegetation were surveyed. These surveyed sites represented 23 percent of the total area classified as gravel/sandbar and mixed emergent vegetation, and they were all located between Shanghai Bend and 9 miles upstream of the mouth of the Feather River. The minimum and maximum elevation (m) and the two-dimensional area (m²) of each of the 10 sites were recorded (Table 2), and used to estimate the values of an index of usable flooded area (i.e., UFA), defined as the area that would be flooded with a depth of three to six feet (0.91 to 1.83 m). The resulting UFA-discharge relationship (Figure 1) was used to evaluate flow-related impacts to potential splittail spawning habitat availability in the lower Feather River during each month of the February through May period, for each year of the 82-year period of record simulated with the CALSIM II model (as described in Appendix 6B). The monthly flows generated at Shanghai Bend (RM 25.3) under the various alternatives and the bases of comparison and the UFA-discharge relationship, of Figure 1 were used to calculate corresponding monthly UFA values through linear interpolation.

Table 2
Lowest (L_i) and highest (H_i) habitat site elevations and site area (A_i) for 10 splittail spawning habitat sites in the lower Feather River

Sacramento Splittail Spawning Site	Location (River Mile)	Elevations (m)		A_i (m ²)
		L_i	H_i	
1	25.25	13.969	17.880	5,772.88
2	25.00	12.306	18.822	126,917.95
3	20.75	8.860	9.744	46,135.92
4	19.75	8.903	9.207	54,935.67
5	18.75	8.687	10.498	22,603.57
6	17.50	9.034	10.916	12,658.45
7	14.25	8.354	10.994	12,713.23
8	12.25	7.794	11.375	20,682.80
9	12.00	7.625	8.365	11,644.44
10	9.00	6.497	7.129	19,632.48

Source: Table A-1, DWR, 2004

Figure 1
Usable Flooded Area (UFA) in square meters, based on 10 potential splittail spawning sites surveyed in the lower Feather River. Modified from Figure A-13 in DWR (2004).



Although the total area of the 10 surveyed splittail spawning sites was 333,697 m², the UFA never reached this value. Increasing flows starting at 4,300 cfs provided increasing useable flooded areas until reaching a maximum of 172,024 m² at 10,800 cfs (Figure 1). With increasing flows UFA decreased to a value of 38,321 m² at 52,000 cfs. This reduction in UFA occurred because with flows exceeding 10,800 cfs the flooded area exceeds six feet in depth, which is considered to be the maximum depth for splittail spawning (DWR, 2004).

A very detailed account of the calculation steps leading from the values in Table 2 to the final UFA-discharge curve in Figure 1 is provided in DWR's FERC Relicensing Report SPF 3.2 Task 3B and its accompanying Appendix A (DWR, 2004). Figure 2 presents a succinct view of these calculation steps.

The first step consists of calculating the flooded area (FA) and usable flooded area (UFA) proportions as function of river stage (St) for each of the 10 surveyed sites, utilizing each site's minimum and maximum elevation (L_i and H_i), the minimum and maximum depths for splittail spawning (0.91 m and 1.83 m, respectively) in the following seven equations:

- 1) $FA_i = 0$, if $St \leq L_i$
- 2) $FA_i = 100(St - L_i)/(H_i - L_i)$, if $L_i < St \leq H_i$
- 3) $FA_i = 100$, if $St > H_i$.
- 4) $UFA_i = 0$, if $St < (L_i + 0.91)$
- 5) $UFA_i = FA_i$, if $(L_i + 0.91) \leq St < (L_i + 1.83)$
- 6) $UFA_i = FA_i - (St - L_i - 1.83)/(H_i - L_i)$, if $(L_i + 1.83) \leq St < (H_i + 1.83)$
- 7) $UFA_i = 0$, if $St \geq (H_i + 1.83)$

In the second step, site specific stage-discharge relationships (Table A-2 in DWR, 2004) and polynomial regressions (Table A-3 in DWR, 2004) are used to predict flow (cfs) as function of river stage (m).

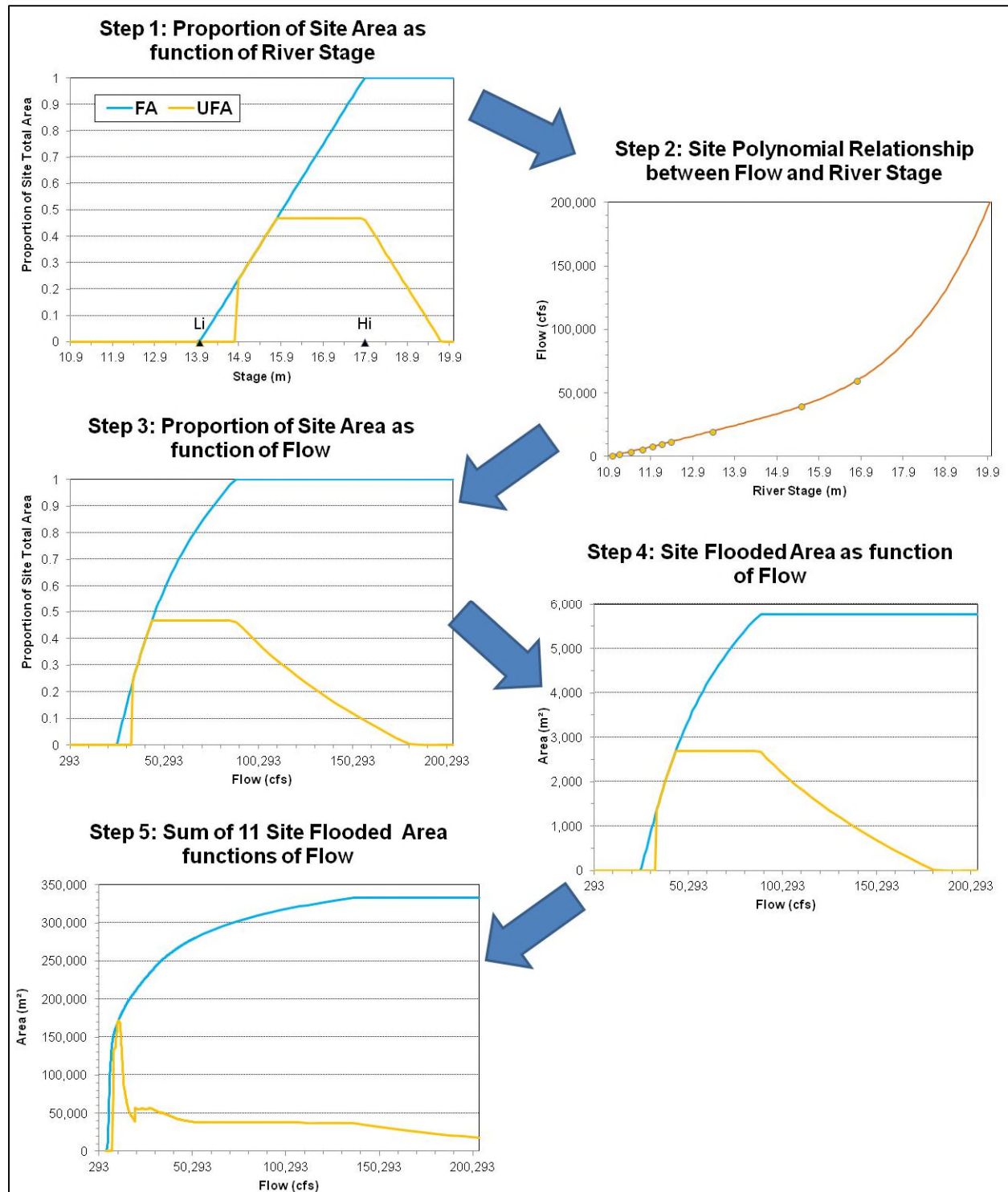
In the third step, for each of the 10 surveyed sites, the polynomial regressions are used to express the FA and UFA proportions as functions of flow (cfs) instead of stage.

In the fourth step, site specific FA- and UFA-discharge curves were obtained by multiplying the FA and UFA proportions by each site's two-dimensional area (m²).

Finally, the individual FA- and UFA-flow relationships are summed across sites.

Figure 2

Schematic representation of the steps involved in the calculation of the Flooded Area (FA) – Flow and Usable Flooded Area (UFA) – Flow curves utilized in the assessment of splittail suitable spawning habitat in the lower Feather River



12G.3 Results

This section includes the results of the Sacramento Splittail Spawning Useable Flooded Area (UFA) Analyses for the alternatives evaluated in the NODOS DEIR/EIS.

12G.3.1 Introduction

Results of the Sacramento Splittail Useable Flooded Area Analyses are included for each of the two regions:

- Lower American River
- Lower Feather River

12G.3.2 Comparisons

For each region, a Sacramento Splittail Useable Flooded Area Analyses report is provided for each of the following seven comparisons:

- No Project/No Action Alternative compared to Existing Conditions
- Alternative A compared to Existing Conditions
- Alternative A compared to No Project/No Action Alternative
- Alternative B compared to Existing Conditions
- Alternative B compared to No Project/No Action Alternative
- Alternative C compared to Existing Conditions
- Alternative C compared to No Project/No Action Alternative

12G.4 References

- Brown, L.R., P. B. Moyle, and C. D. Vanicek. 1992. American River Studies: Intensive Fish Surveys, March-June 1991. Department of Wildlife and Fisheries Biology, University of California, Davis, and Department of Biology, California State University Sacramento. April 1992.
- DWR. 2004. Assessment of Potential Effects on Spittail Habitat. SP-F3.2 Task 3B. Oroville Facilities Relicensing FERC Project No. 2100. Final Report.
- Moyle, P. B. 2002. Inland Fishes of California. Berkeley: University of California Press.
- Sacramento Area Flood Control Agency (SAFCA). 1999. Effects of Interim Reoperation of Folsom Dam and Reservoir on the Availability of Potential Splittail Spawning Habitat in the Lower American River. June 1999.
- Seesholtz, A., B. Cavallo, J. Kindopp, and R. Kurth. 2003. Juvenile Fishes of the Lower Feather River: Distribution, Emigration Patterns, and Association With Environmental Variables. Early Life History of Fishes in the San Francisco Estuary and Watershed. California Department of Water Resources.
- Snider, B. and N. Keenan. 1994. Fish Community Survey, Lower American River, January through June 1993. Final Report. California Department of Fish and Game. May 1994.

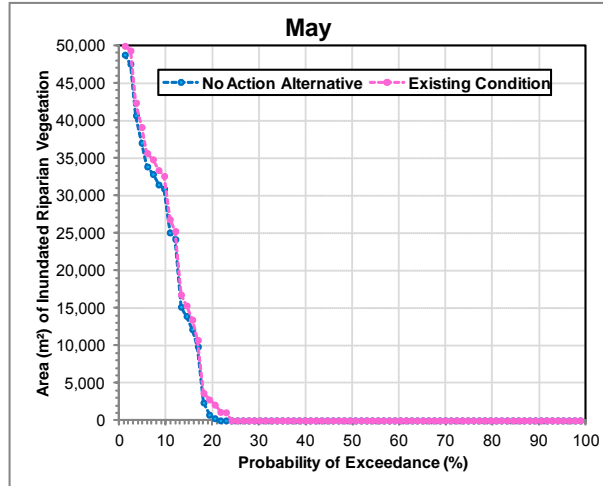
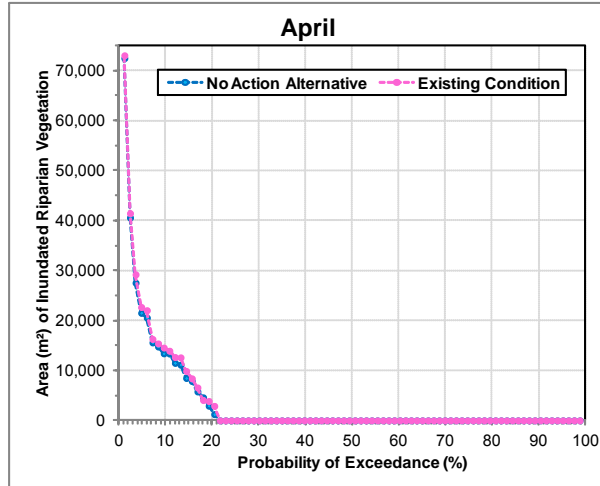
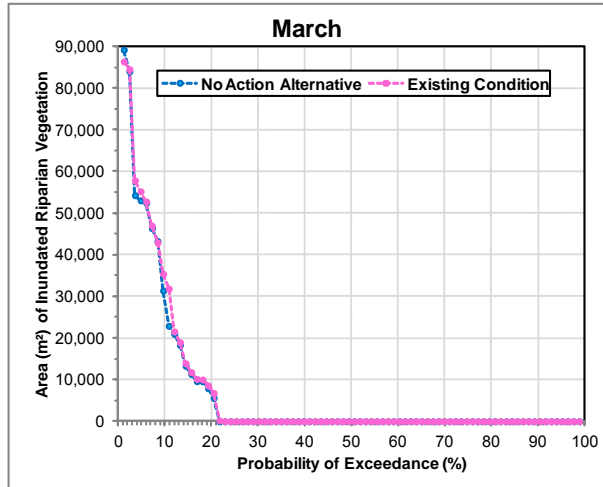
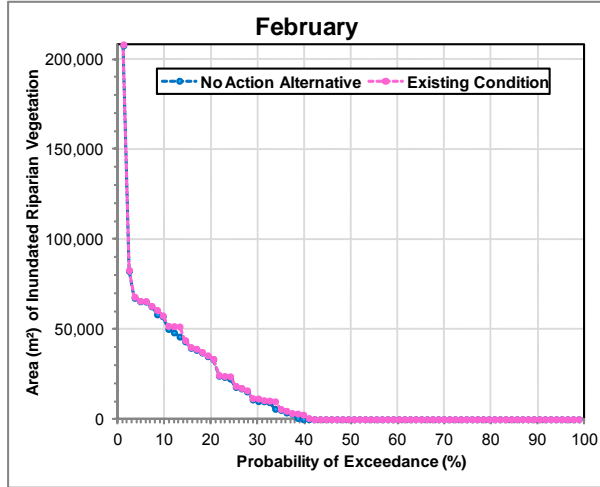
- Snider, B. and McEwan, D. 1993. Fish Community Survey, Lower American River, February-July 1992. Department of Fish and Game, Stream Evaluation Program, Environmental Services Division. 94 pp. January 1993.
- Snider, B. and R. Titus. 1996. Fish Community Survey, Lower American River, January through June 1995. California Department of Fish and Game, Environmental Services Division. April 1996.
- Snider, W.M. and R. G. Titus. 2000. Lower American River Emigration Survey October 1996-September 1997. Stream Evaluation Program Technical Report No. 00-2. California Department of Fish and Game. January 2000.
- Snider, B., R. Titus, and B. Payne. 1998. Lower American River Emigration Survey: October 1995–September 1996. California Department of Fish and Game, Environmental Sciences Division, Stream Evaluation Program. September 1998.
- USFWS. 1995. Sacramento-San Joaquin Delta Native Fishes Recovery Plan - Sacramento Splittail. Portland, OR: U.S. Fish and Wildlife Service.
- Wang, J. C. S. 1986. Fishes of the Sacramento-San Joaquin Estuary and Adjacent Waters, California: A Guide to the Early Life Histories. IEP Technical Report No. 9. California Department of Water Resources, California Department of Fish and Game, U.S. Bureau of Reclamation, and U.S. Fish and Wildlife Service.

Lower American River

Sacramento Splittail Spawning Riparian Vegetation Inundated Area in the Lower American River

No Action Alternative relative to the Existing Condition

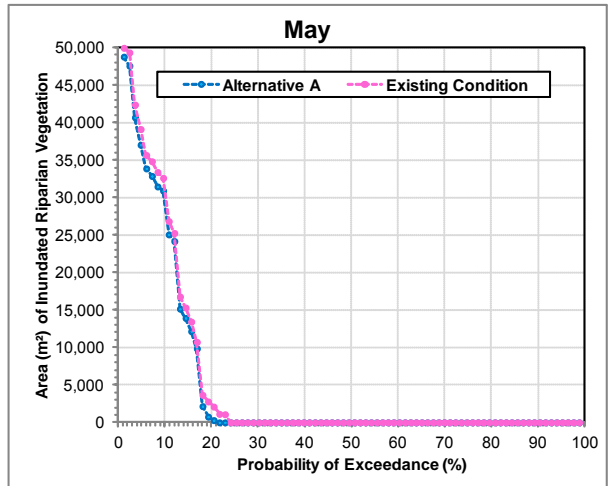
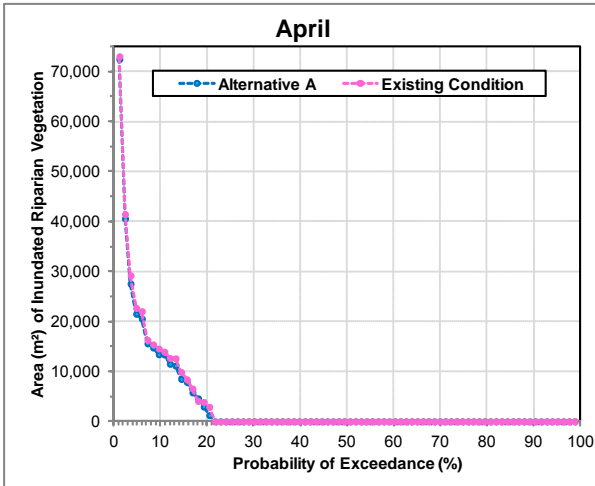
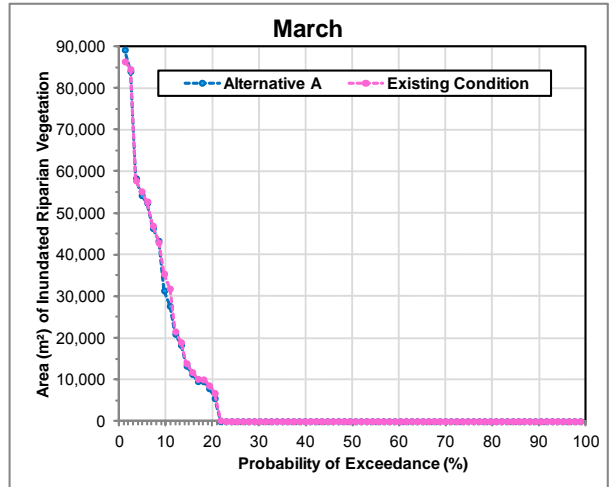
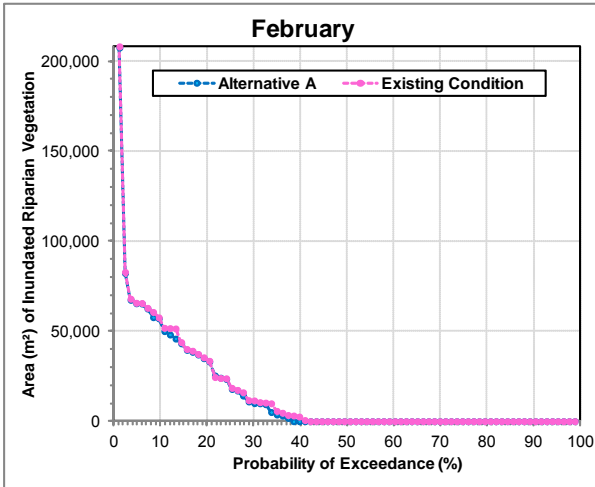
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				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Spawning	February through May	Percent Change in Ranked Inundated Area	82 Years	---	---	---	---	-8.5%	-4.9%	-4.9%	-6.1%	---	---	---	---



Sacramento Splittail Spawning Riparian Vegetation Inundated Area in the Lower American River

Alternative A relative to the Existing Condition

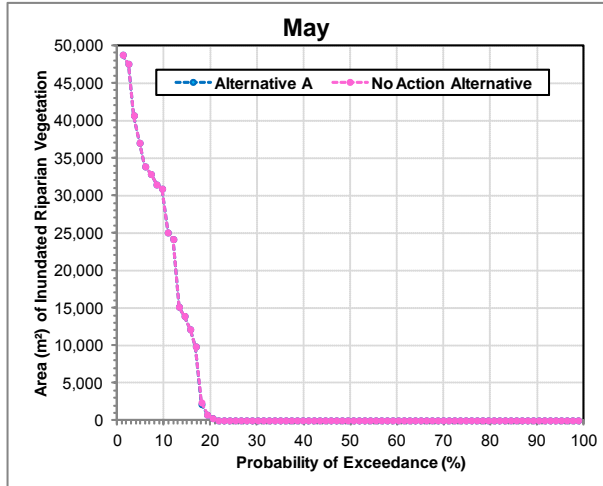
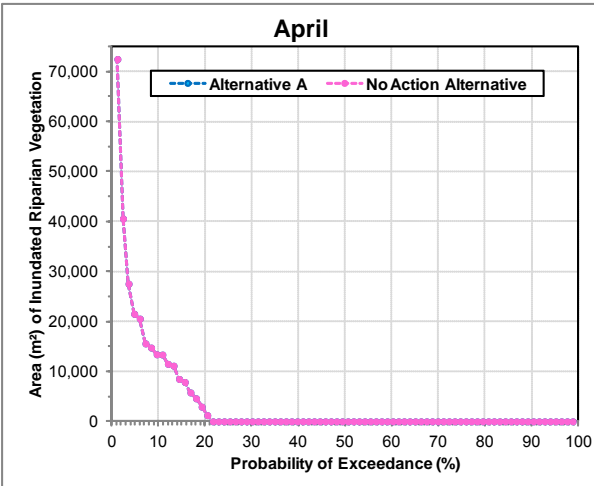
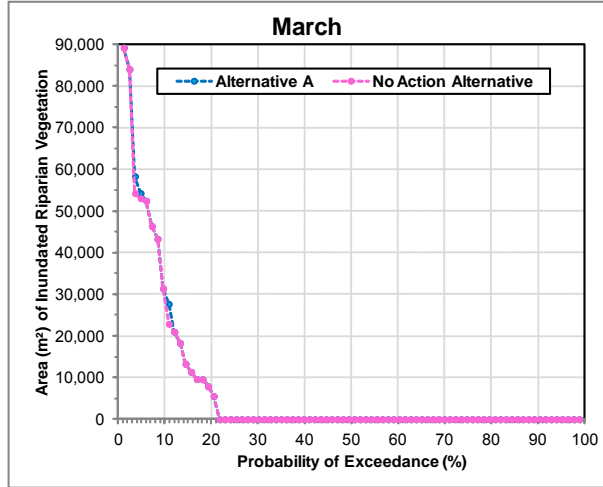
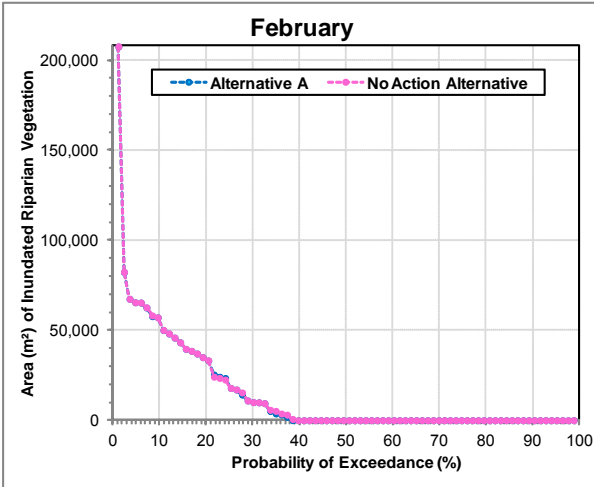
Life Stage	Evaluation Period	Impact Indicator	Range	Net Change in 10% Exceedance of Inundated Area											
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Spawning	February through May	Percent Change in Ranked Inundated Area	82 Years	---	---	---	---	-12.2%	-4.9%	-4.9%	-6.1%	---	---	---	---



Sacramento Splittail Spawning Riparian Vegetation Inundated Area in the Lower American River

Alternative A relative to the No Action Alternative

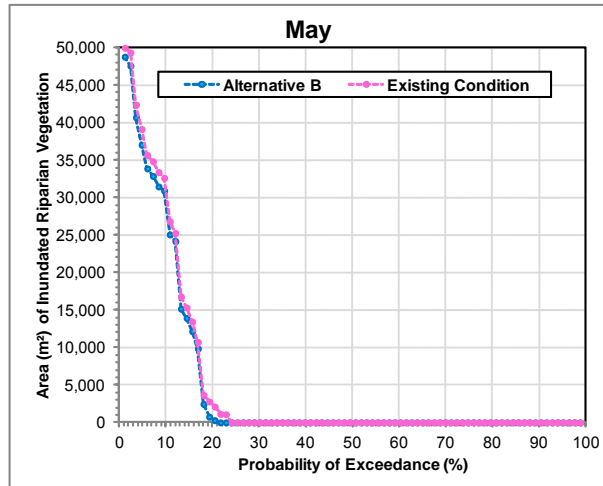
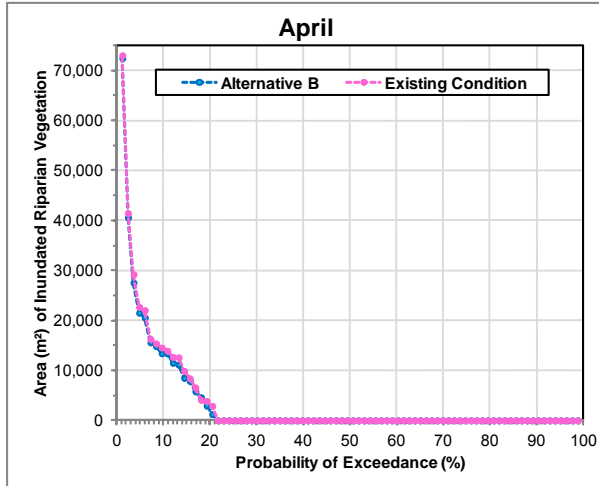
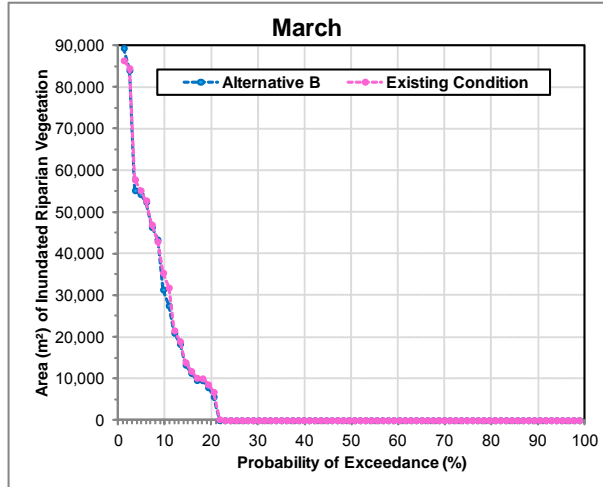
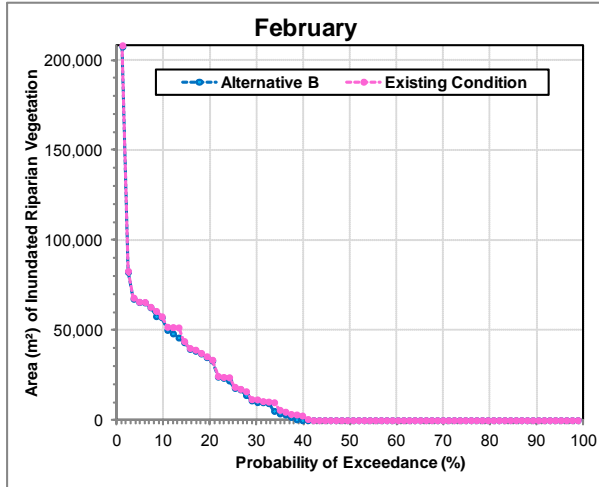
Life Stage	Evaluation Period	Impact Indicator	Range	Net Change in 10% Exceedance of Inundated Area											
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Spawning	February through May	Percent Change in Ranked Inundated Area	82 Years	---	---	---	---	-6.1%	1.2%	0.0%	0.0%	---	---	---	---



Sacramento Splittail Spawning Riparian Vegetation Inundated Area in the Lower American River

Alternative B relative to the Existing Condition

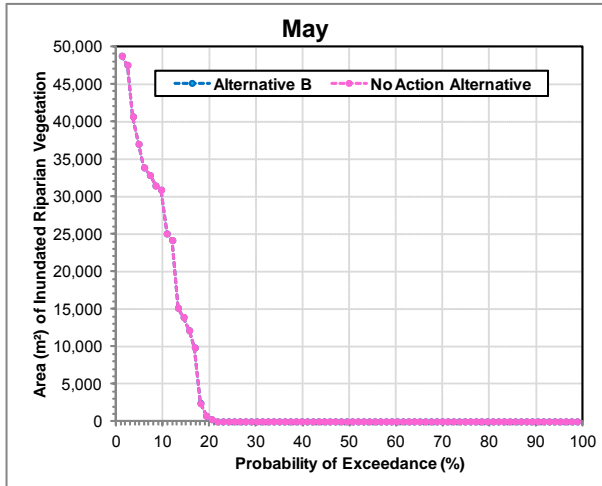
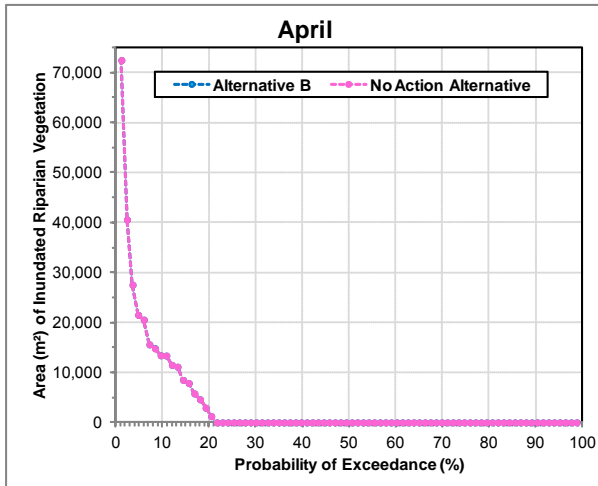
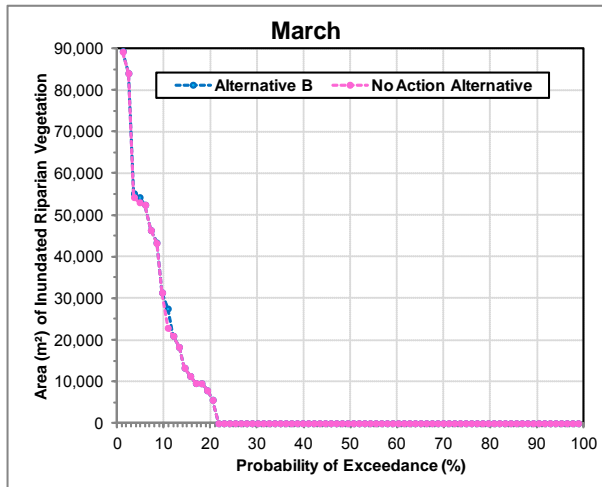
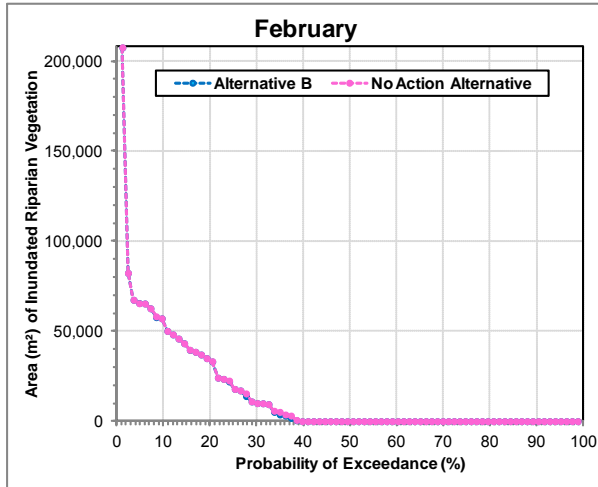
Life Stage	Evaluation Period	Impact Indicator	Range	Net Change in 10% Exceedance of Inundated Area											
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Spawning	February through May	Percent Change in Ranked Inundated Area	82 Years	---	---	---	---	-12.2%	-4.9%	-4.9%	-6.1%	---	---	---	---



Sacramento Splittail Spawning Riparian Vegetation Inundated Area in the Lower American River

Alternative B relative to the No Action Alternative

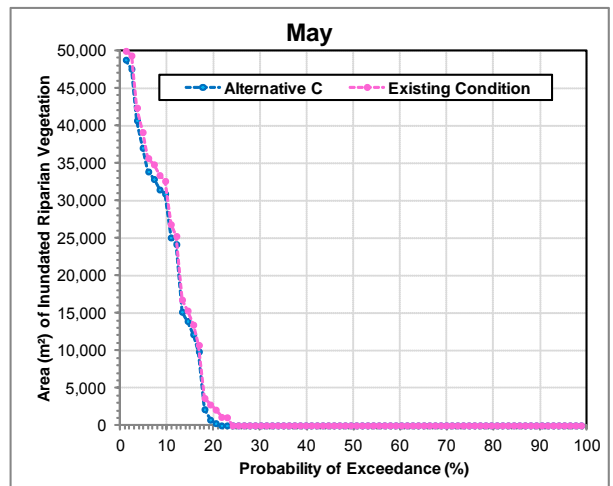
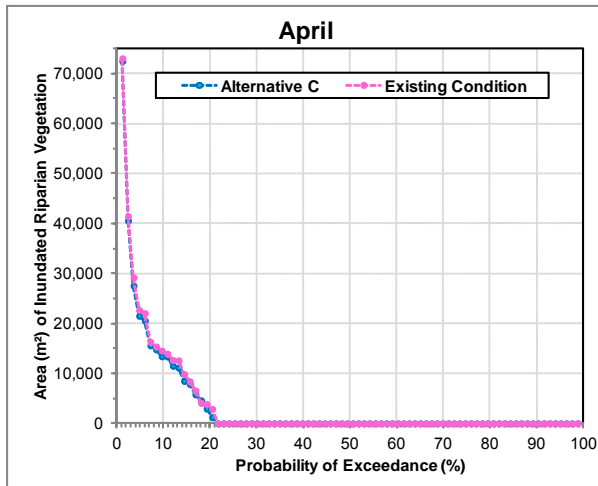
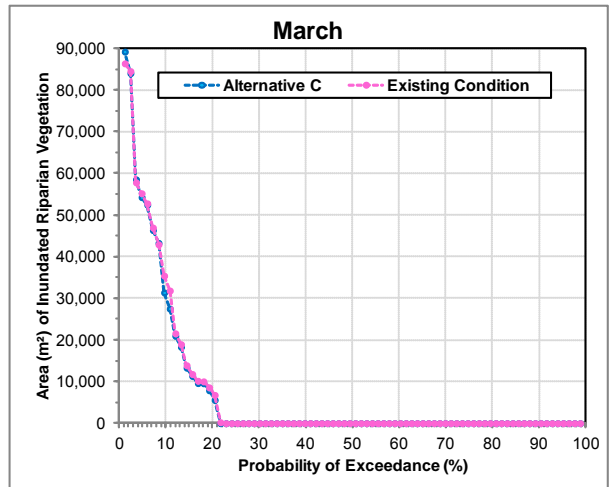
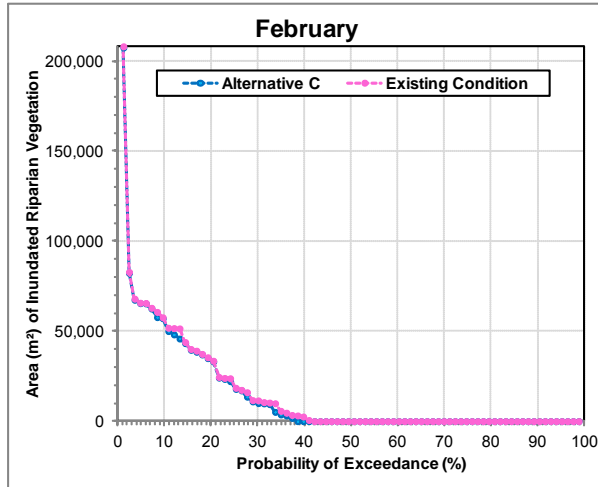
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Spawning	February through May	Percent Change in Ranked Inundated Area	82 Years	---	---	---	---	-6.1%	1.2%	0.0%	0.0%	---	---	---	---



Sacramento Splittail Spawning Riparian Vegetation Inundated Area in the Lower American River

Alternative C relative to the Existing Condition

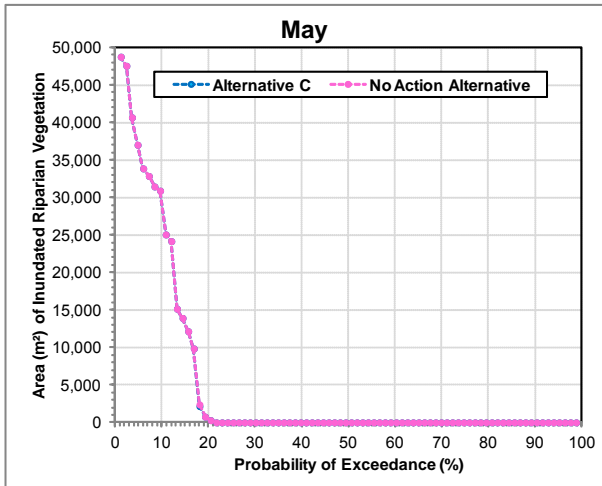
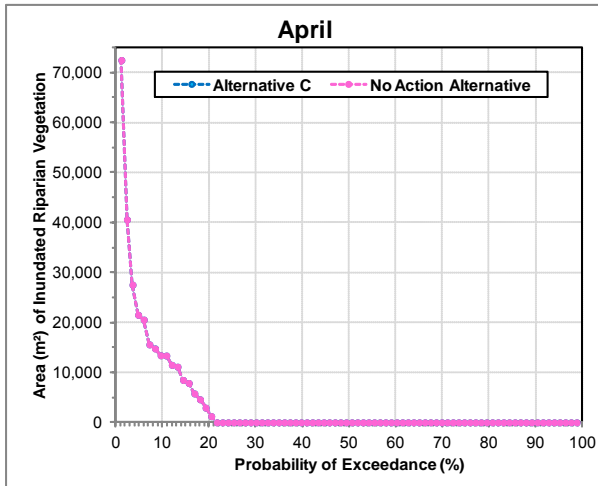
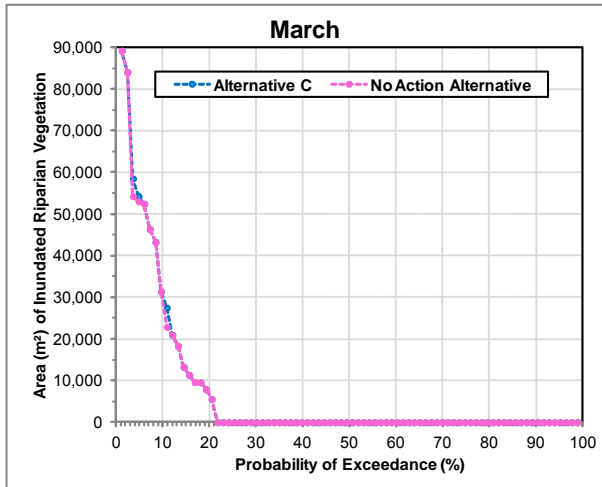
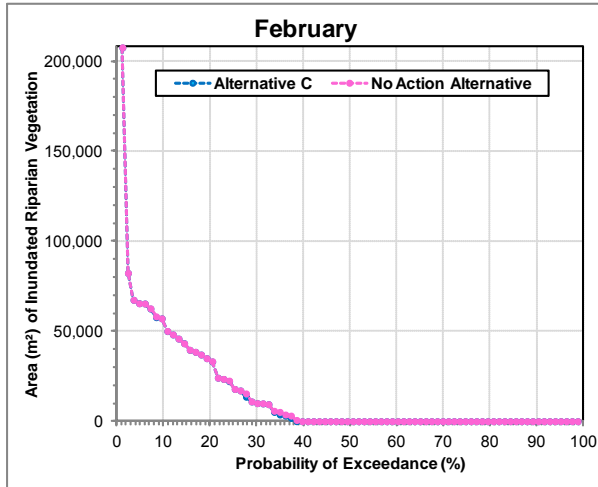
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				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Spawning	February through May	Percent Change in Ranked Inundated Area	82 Years	---	---	---	---	-12.2%	-4.9%	-4.9%	-6.1%	---	---	---	---



Sacramento Splittail Spawning Riparian Vegetation Inundated Area in the Lower American River

Alternative C relative to the No Action Alternative

Life Stage	Evaluation Period	Impact Indicator	Range	Net Change in 10% Exceedance of Inundated Area											
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Spawning	February through May	Percent Change in Ranked Inundated Area	82 Years	---	---	---	---	-7.3%	1.2%	0.0%	0.0%	---	---	---	---

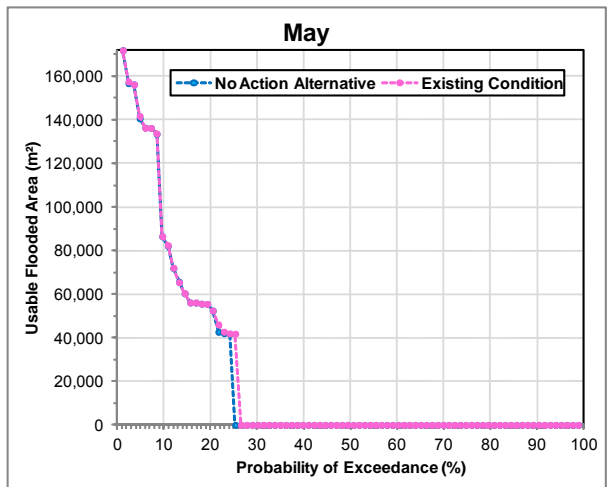
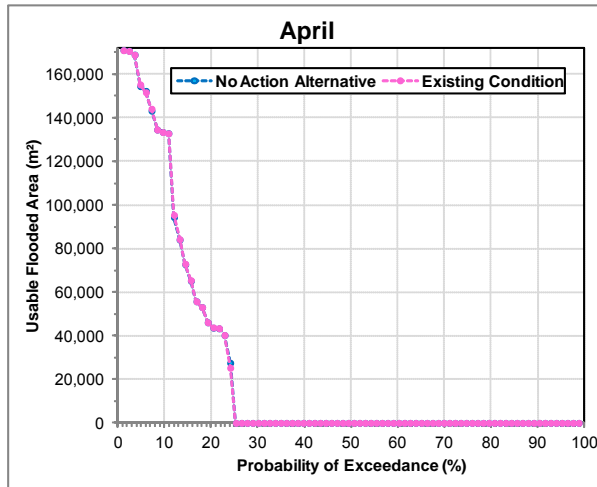
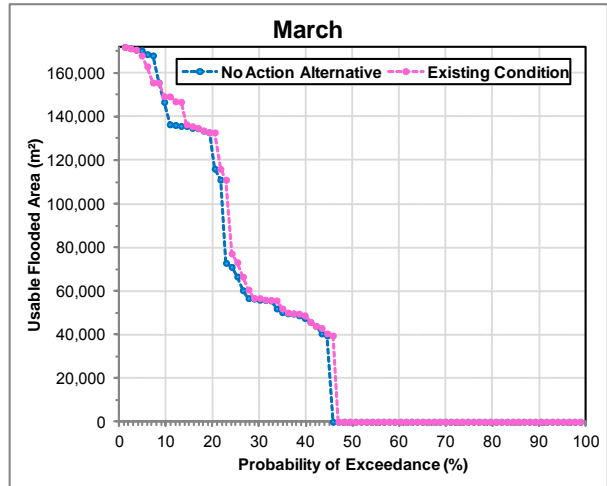
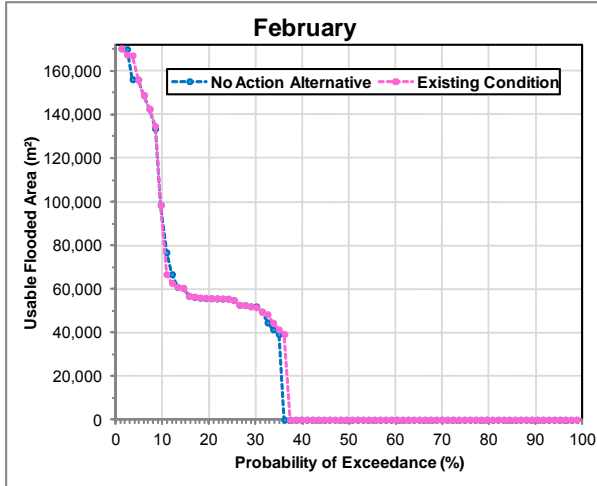


Lower Feather River

Sacramento Splittail Spawning Useable Flooded Area in the Feather River

No Action Alternative relative to the Existing Condition

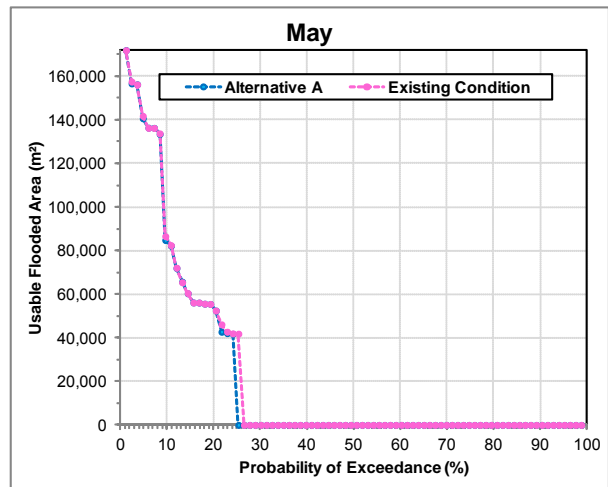
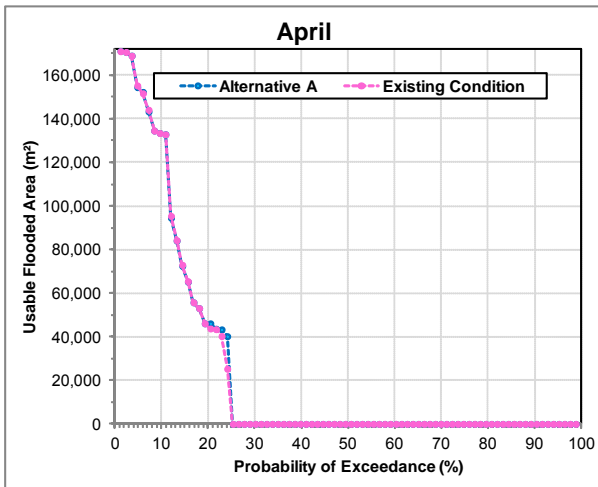
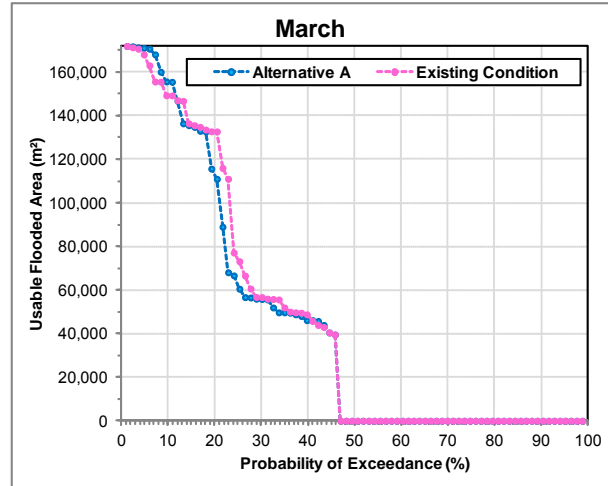
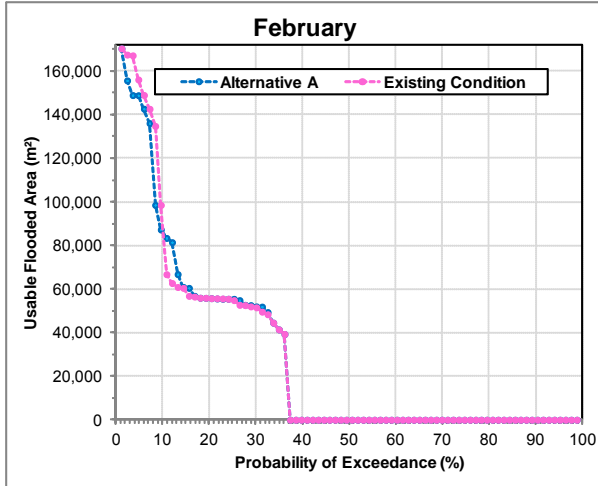
Life Stage	Evaluation Period	Impact Indicator	Range	Net Change in 10% Exceedance of UFA											
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Spawning	February through May	Percent Change in Ranked UFA	82 Years	---	---	---	---	0.0%	-3.7%	0.0%	-1.2%	---	---	---	---



Sacramento Splittail Spawning Useable Flooded Area in the Feather River

Alternative A relative to the Existing Condition

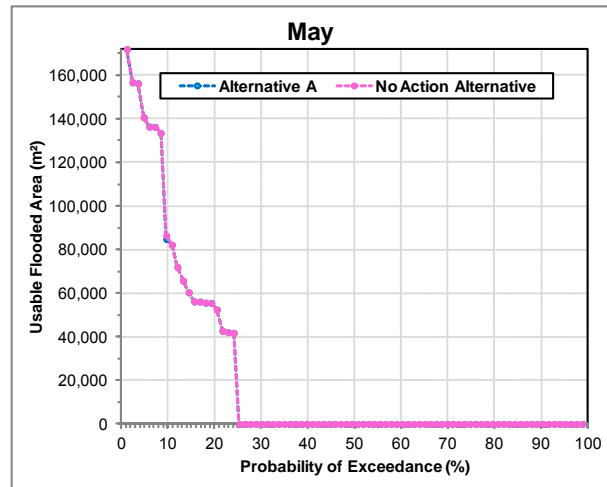
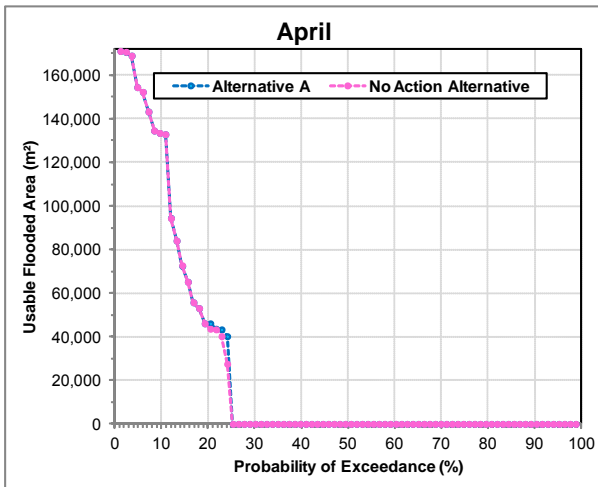
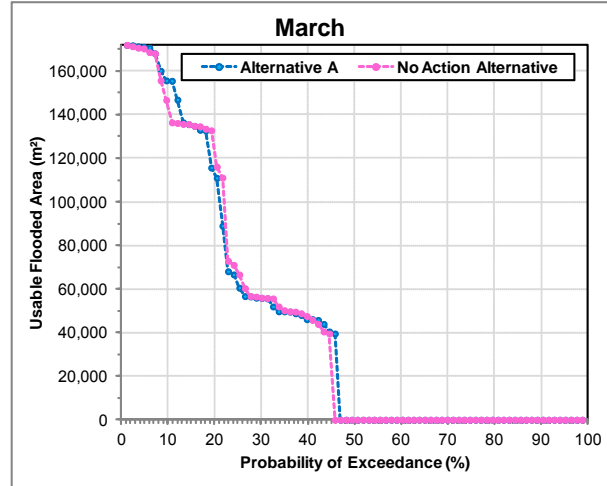
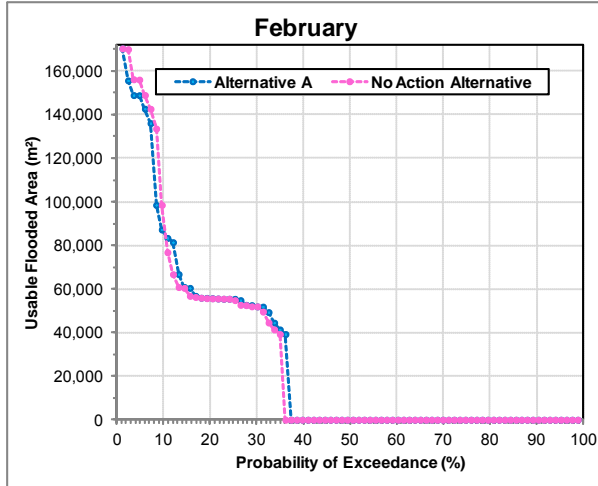
Life Stage	Evaluation Period	Impact Indicator	Range	Net Change in 10% Exceedance of UFA											
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Spawning	February through May	Percent Change in Ranked UFA	82 Years	---	---	---	---	-1.2%	-9.8%	1.2%	-1.2%	---	---	---	---



Sacramento Splittail Spawning Useable Flooded Area in the Feather River

Alternative A relative to the No Action Alternative

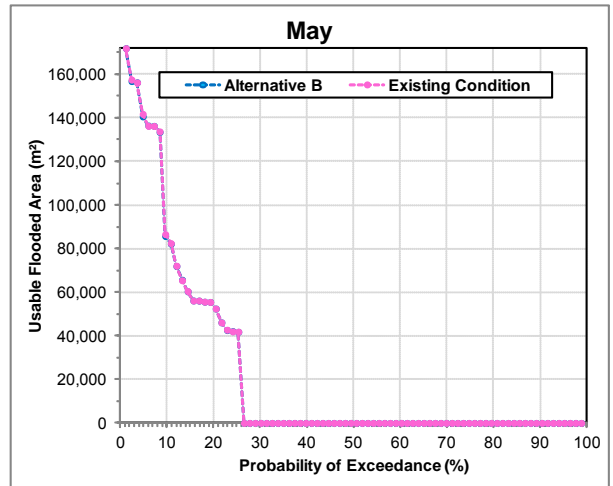
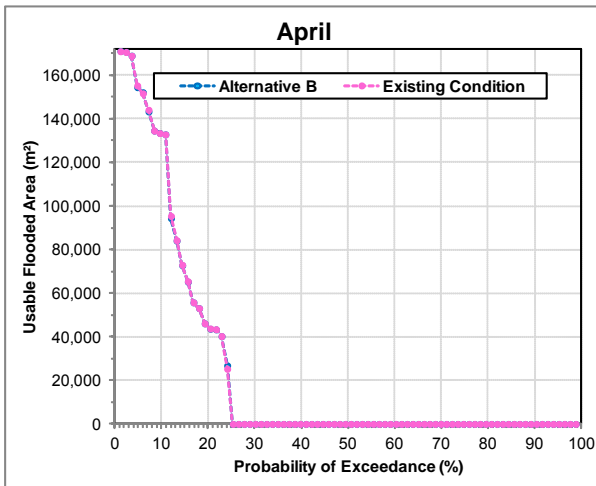
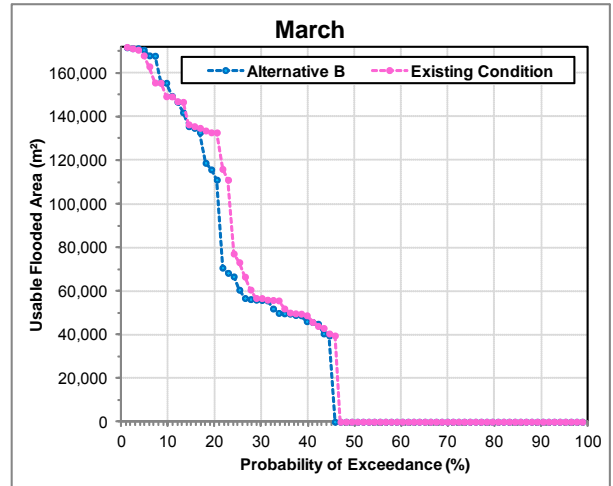
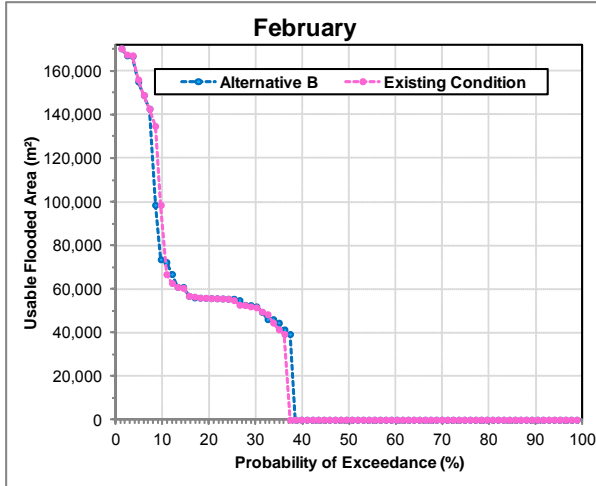
Life Stage	Evaluation Period	Impact Indicator	Range	Net Change in 10% Exceedance of UFA											
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Spawning	February through May	Percent Change in Ranked UFA	82 Years	---	---	---	---	0.0%	-1.2%	1.2%	0.0%	---	---	---	---



Sacramento Splittail Spawning Useable Flooded Area in the Feather River

Alternative B relative to the Existing Condition

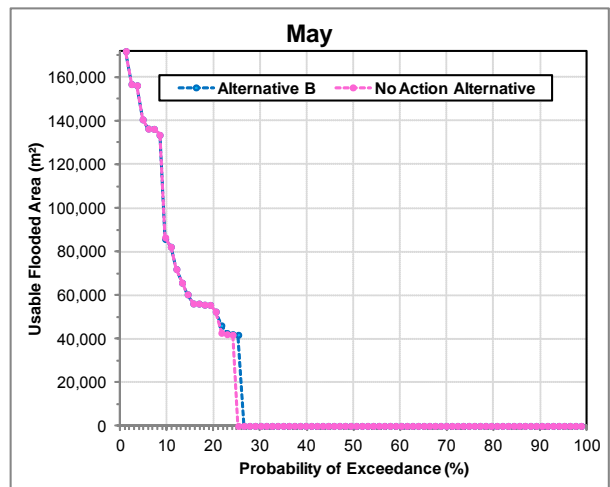
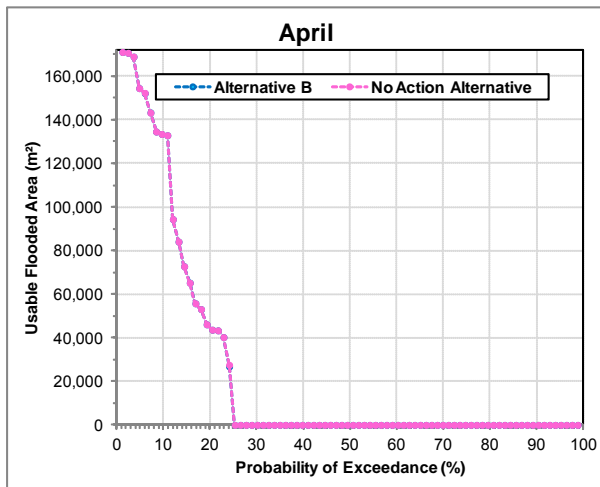
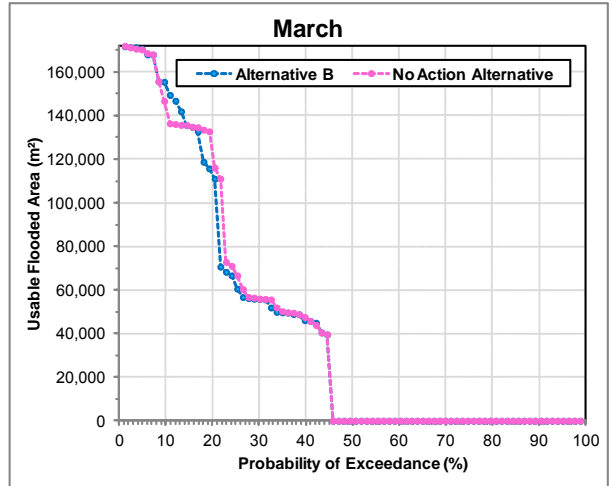
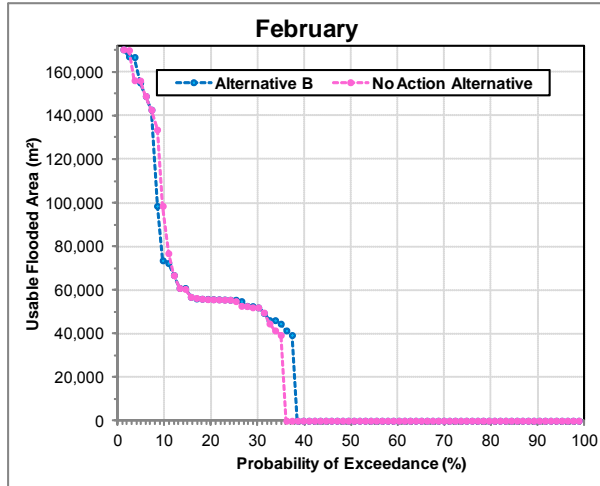
Life Stage	Evaluation Period	Impact Indicator	Range	Net Change in 10% Exceedance of UFA											
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Spawning	February through May	Percent Change in Ranked UFA	82 Years	---	---	---	---	-2.4%	-12.2%	0.0%	0.0%	---	---	---	---



Sacramento Splittail Spawning Useable Flooded Area in the Feather River

Alternative B relative to the No Action Alternative

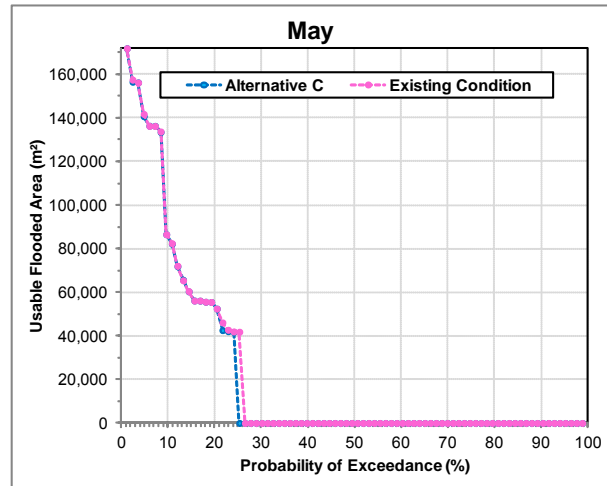
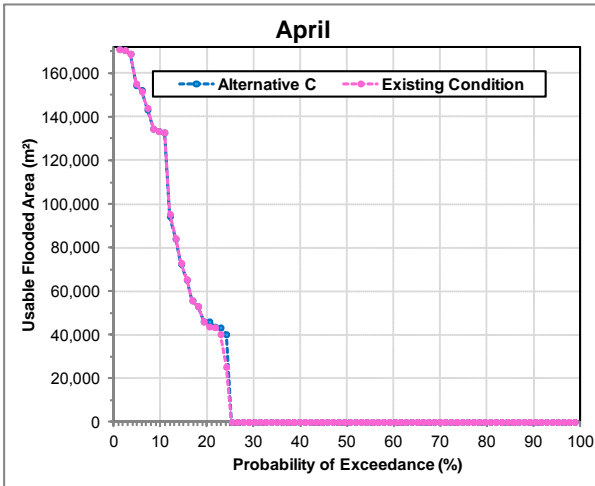
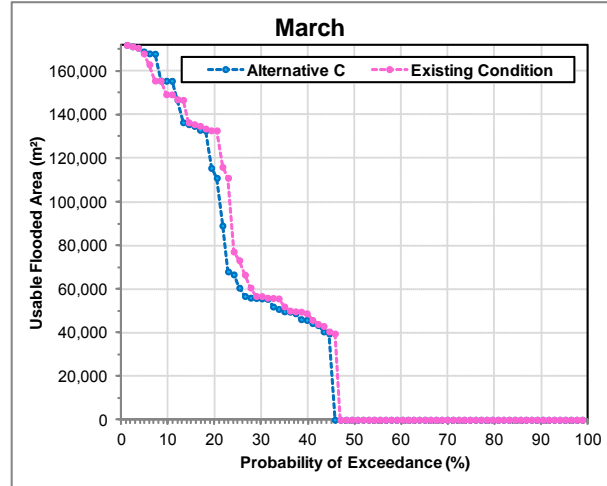
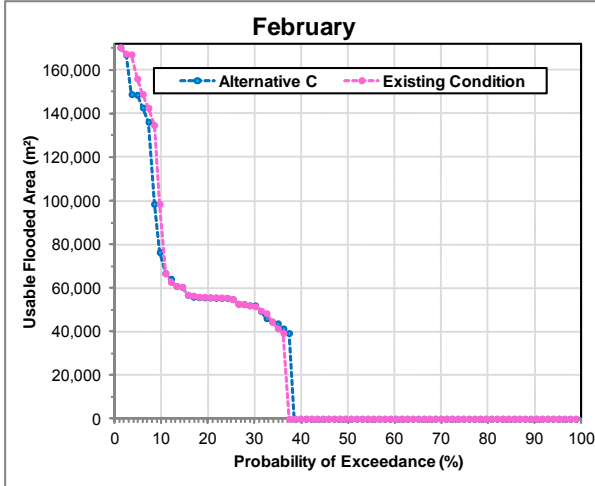
Life Stage	Evaluation Period	Impact Indicator	Range	Net Change in 10% Exceedance of UFA											
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Spawning	February through May	Percent Change in Ranked UFA	82 Years	---	---	---	---	0.0%	-3.7%	0.0%	0.0%	---	---	---	---



Sacramento Splittail Spawning Useable Flooded Area in the Feather River

Alternative C relative to the Existing Condition

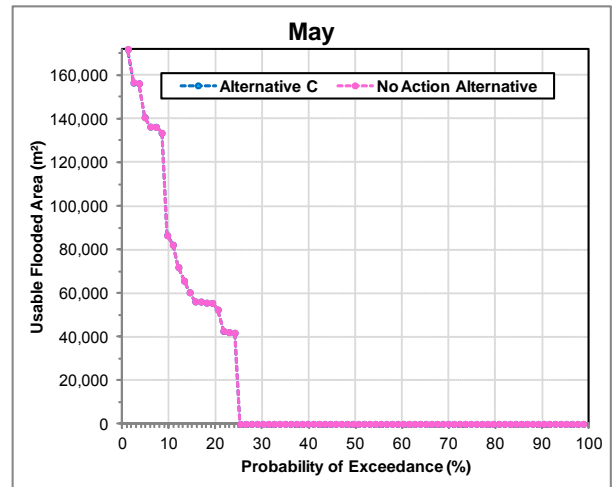
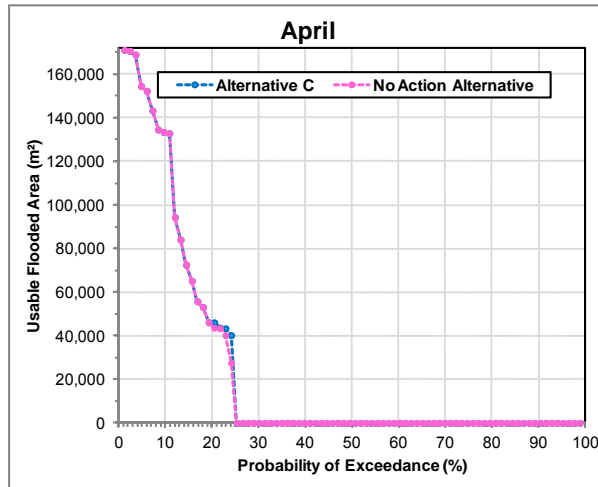
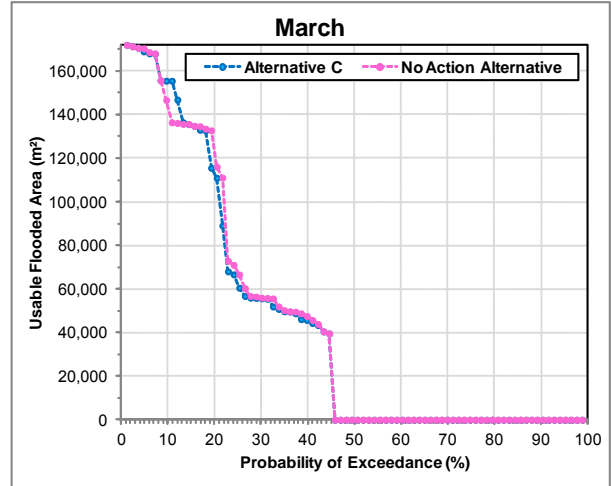
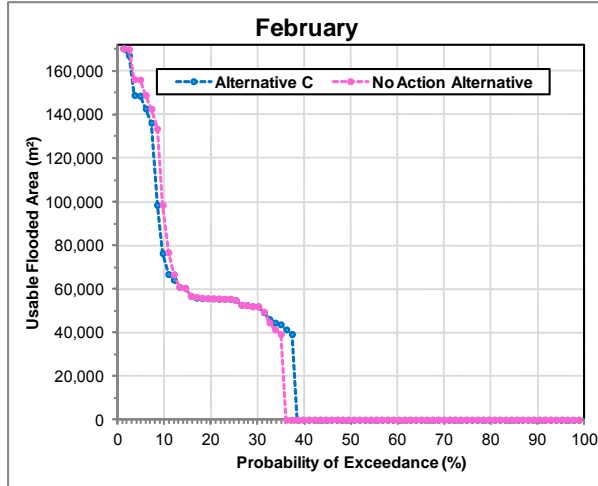
Life Stage	Evaluation Period	Impact Indicator	Range	Net Change in 10% Exceedance of UFA											
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Spawning	February through May	Percent Change in Ranked UFA	82 Years	---	---	---	---	-3.7%	-9.8%	1.2%	-1.2%	---	---	---	---



Sacramento Splittail Spawning Useable Flooded Area in the Feather River

Alternative C relative to the No Action Alternative

Life Stage	Evaluation Period	Impact Indicator	Range	Net Change in 10% Exceedance of UFA											
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Spawning	February through May	Percent Change in Ranked UFA	82 Years	---	---	---	---	-2.4%	-1.2%	1.2%	0.0%	---	---	---	---



Appendix 12H Reservoir Water Surface Elevation Summary Tables

APPENDIX 12H

Reservoir Water Surface Elevation Summary Tables

12H.1 Results

This appendix includes the results of the Reservoir Water Surface Elevation Summary Tables for the proposed Project alternatives (alternatives) evaluated in the North-of-the-Delta Offstream Storage Draft Environmental Impact Report/Environmental Impact Statement (NODOS DEIR/EIS). The fisheries impact assessment and methodology is described in Chapter 12 Aquatic Biological Resources and in Appendix 12B and 12C.

12H.1.1 Introduction

Based on reservoir water surface elevation results presented in Appendix 6C, Reservoir Water Surface Elevation Summary Tables were created to evaluate the occurrences of end-of-month reservoir water surface elevation reductions of six feet or more per month.

Each report includes two summary tables:

- Water Surface Elevation Reductions for each Alternative
- Comparison of Water Surface Elevation Reductions between Alternatives

A Reservoir Water Surface Elevation Summary Tables report is provided for each of the following reservoirs:

- Trinity Reservoir
- Shasta Lake
- Lake Oroville
- Folsom Lake
- San Luis Reservoir

12H.1.2 Methodology

Based on the CALSIM II model (as described in Appendix 6B), for the months of March through June, month to month simulated reservoir water surface elevation reductions of six feet or more were counted and then compared to evaluate potential impacts of the alternatives on reservoir warmwater game fishes in Trinity Reservoir, Shasta Lake, Lake Oroville, Folsom Lake, and San Luis Reservoir, using the approach described in Appendix 12B.

For example, if a reservoir water surface elevation decreased by six feet or more between the end of March and the end of April, then one reduction of six feet or more was counted in April. A total of 82 years of CALSIM II model simulated results were used for this analysis. The number of reductions for each month, March through June, was then compared between alternatives.

12H.1.3 Comparisons

The Comparison of Water Surface Elevation Reductions between Alternatives tables include the following seven comparisons:

- No Project/No Action Alternative compared to Existing Conditions
- Alternative A compared to Existing Conditions
- Alternative A compared to No Project/No Action Alternative
- Alternative B compared to Existing Conditions
- Alternative B compared to No Project/No Action Alternative
- Alternative C compared to Existing Conditions
- Alternative C compared to No Project/No Action Alternative

12H.1.4 Reports

For Trinity Lake, water surface elevation reductions for each alternative for March through June are presented in Table 12H-1a. All seven comparisons of water surface elevation reductions between alternatives for March through June are presented in Table 12H-1b.

Table 12H-1a
Trinity Lake Water Surface Elevation Reductions for Each Alternative

Alternative	Water Surface Elevation Reductions of six feet or more for each alternative over the 82-year period of record			
	March	April	May	June
The Existing Condition	0	1	13	21
No Action/No Project Alternative	0	0	14	21
Alternative A	1	0	12	19
Alternative B	0	1	12	20
Alternative C	0	1	12	18

Table 12H-1b
Comparison of Trinity Lake Water Surface Elevation Reductions between Alternatives

Comparison	Water Surface Elevation Reductions of six feet or more for each comparison over the 82-year period of record			
	March	April	May	June
No Action/No Project Alternative Relative to the Existing Condition	0	-1	1	-2
Alternative A Relative to the Existing Condition	1	-1	-1	-4
Alternative A Relative to the No Action/No Project Alternative	1	0	-2	-2
Alternative B Relative to the Existing Condition	0	0	-1	-3
Alternative B Relative to the No Action/No Project Alternative	0	1	-2	-1
Alternative C Relative to the Existing Condition	0	0	-1	-5
Alternative C Relative to the No Action/No Project Alternative	0	1	-2	-3

For Shasta Lake, water surface elevation reductions for each alternative for March through June are presented in Table 12H-2a. All seven comparisons of water surface elevation reductions between alternatives for March through June are presented in Table 12H-2b.

Table 12H-2a
Shasta Lake Water Surface Elevation Reductions for Each Alternative

Alternative	Water Surface Elevation Reductions of six feet or more for each alternative over the 82-year period of record			
	March	April	May	June
Existing Conditions	4	6	16	68
No Action/No Project Alternative	4	5	15	68
Alternative A	4	3	11	69
Alternative B	4	2	7	69
Alternative C	4	3	10	69

Table 12H-2b
Comparison of Shasta Lake Water Surface Elevation Reductions between Alternatives

Comparison	Water Surface Elevation Reductions of six feet or more for each comparison over the 82-year period of record			
	March	April	May	June
No Action/No Project Alternative Relative to Existing Conditions	0	-1	-1	0
Alternative A Relative to Existing Conditions	0	-3	-5	1
Alternative A Relative to the No Action/No Project Alternative	0	-2	-4	1
Alternative B Relative to Existing Conditions	0	-4	-9	1
Alternative B Relative to the No Action/No Project Alternative	0	-3	-8	1
Alternative C Relative to Existing Conditions	0	-3	-6	1
Alternative C Relative to the No Action/No Project Alternative	0	-2	-5	1

For Lake Oroville, water surface elevation reductions for each alternative for March through June are presented in Table 12H-3a. All seven comparisons of water surface elevation reductions between alternatives for March through June are presented in Table 12H-3b.

Table 12H-3a
Lake Oroville Water Surface Elevation Reductions for Each Alternative

Alternative	Water Surface Elevation Reductions of six feet or more for each alternative over the 82-year period of record			
	March	April	May	June
Existing Conditions	4	3	11	44
No Action/No Project Alternative	3	2	11	45
Alternative A	4	2	7	48
Alternative B	4	2	8	47
Alternative C	3	2	8	48

Table 12H-3b
Comparison of Lake Oroville Water Surface Elevation Reductions between Alternatives

Comparison	Water Surface Elevation Reductions of six feet or more for each comparison over the 82-year period of record			
	March	April	May	June
No Action/No Project Alternative Relative to Existing Conditions	-1	-1	0	1
Alternative A Relative to Existing Conditions	0	-1	-4	4
Alternative A Relative to the No Action/No Project Alternative	1	0	-4	3
Alternative B Relative to Existing Conditions	0	-1	-3	3
Alternative B Relative to the No Action/No Project Alternative	1	0	-3	2
Alternative C Relative to Existing Conditions	-1	-1	-3	4
Alternative C Relative to the No Action/No Project Alternative	0	0	-3	3

For Folsom Lake, water surface elevation reductions for each alternative for March through June are presented in Table 12H-4a. All seven comparisons of water surface elevation reductions between alternatives for March through June are presented in Table 12H-4b.

Table 12H-4a
Folsom Lake Water Surface Elevation Reductions for Each Alternative

Alternative	Water Surface Elevation Reductions of six feet or more for each alternative over the 82-year period of record			
	March	April	May	June
Existing Conditions	0	0	2	15
No Action/No Project Alternative	0	1	2	17
Alternative A	0	1	2	17
Alternative B	0	2	2	18
Alternative C	0	2	2	15

Table 12H-4b
Comparison of Folsom Lake Water Surface Elevation Reductions between Alternatives

Comparison	Water Surface Elevation Reductions of six feet or more for each comparison over the 82-year period of record			
	March	April	May	June
No Action/No Project Alternative Relative to Existing Conditions	0	1	0	2
Alternative A Relative to Existing Conditions	0	2	0	1
Alternative A Relative to the No Action/No Project Alternative	0	1	0	-1
Alternative B Relative to Existing Conditions	0	2	0	3
Alternative B Relative to the No Action/No Project Alternative	0	1	0	1
Alternative C Relative to Existing Conditions	0	2	0	0
Alternative C Relative to the No Action/No Project Alternative	0	1	0	-2

For San Luis Reservoir, water surface elevation reductions for each alternative for March through June are presented in Table 12H-5a. All seven comparisons of water surface elevation reductions between alternatives for March through June are presented in Table 12H-5b.

Table 12H-5a
San Luis Reservoir Water Surface Elevation Reductions for Each Alternative

Alternative	Water Surface Elevation Reductions of six feet or more for each Alternative over the 82-year Period of Record			
	March	April	May	June
Existing Conditions	9	78	78	80
No Action/No Project Alternative	6	79	78	81
Alternative A	11	80	78	81
Alternative B	9	80	78	81
Alternative C	9	80	78	81

Table 12H-5b
Comparison of San Luis Reservoir Water Surface Elevation Reductions between Alternatives

Comparison	Net Change in Water Surface Elevation Reductions of six feet or more for each Comparison over the 82-year Period of Record			
	March	April	May	June
No Action/No Project Alternative Relative to Existing Conditions	-3	1	0	1
Alternative A Relative to Existing Conditions	2	2	0	1
Alternative A Relative to the No Action/No Project Alternative	5	1	0	0
Alternative B Relative to Existing Conditions	0	2	0	1
Alternative B Relative to the No Action/No Project Alternative	3	1	0	0
Alternative C Relative to Existing Conditions	0	2	0	1
Alternative C Relative to the No Action/No Project Alternative	3	1	0	0

Appendix 12I

Delta Pumping Salvage and Entrainment Analysis

APPENDIX 12I

Delta Pumping Salvage and Entrainment Analysis

12I.1 Analysis

This appendix describes the Delta Pumping Salvage and Entrainment Analysis for the proposed Project action alternatives (alternatives) evaluated in the North-of-the-Delta Offstream Storage Draft Environmental Impact Report/Environmental Impact Statement (NODOS DEIR/EIS). The fisheries impact assessment and methodology is described in Chapter 12 Aquatic Biological Resources and in Appendix 12B and 12C.

12I.1.1 Introduction

Salvage calculations were performed for several fish species that could potentially be affected by the alternatives. The following provides detailed description of data sources, calculations, and methods used to conduct salvage estimates for the alternatives. Chapter 12 Aquatic Biological Resources and Appendix 12B provides a general description of salvage estimates and their utility, as well as species-specific impact assessments for the alternatives that include salvage as part of the assessment.

12I.1.2 Data

Estimated monthly salvage by water year type under the three alternatives, the No Project/No Action Alternative, and Existing Conditions were calculated using data obtained from four data bases, listed below.

- Monthly simulated exports at the SWP and CVP facilities [in thousand acre feet (TAF)] under the three alternatives, the No Project/ No Action Alternative, and Existing Conditions were obtained from CALSIM II for the 82 year simulation period of October 1921 through September 2003 (as described in Appendix 6B).
- Observed monthly salvage of American shad (*Alosa sapidissima*), delta smelt (*Hypomesus transpacificus*), green sturgeon (*Acipenser medirostris*), lamprey (*Lampetra* spp), largemouth bass (*Micropterus salmoides*), longfin smelt (*Spirinchus thaleichthys*), splittail (*Pogonichthys macrolepidotus*), steelhead (*Oncorhynchus mykiss*), striped bass (*Morone saxatilis*), and White sturgeon (*Acipenser transmontanus*) were reported by CDFG for the State Water Project (SWP) and Central Valley Project (CVP) facilities from October 1995 through September 2009 (CDFG, 2010a).
- Observed monthly exports at the SWP and CVP facilities (in acre feet) during the period of October 1995 through September 2009 were reported by CDFG (CDFG, 2010a).
- Annual fall mid-water trawl (FMWT) abundance indices for delta smelt, longfin smelt, age-0 striped bass, and American shad for the years 1995 through 2009 were reported by CDFG (CDFG, 2010b).

12I.1.3 Calculation Approach

To calculate the annual average monthly salvage of the ten evaluated species at the SWP and CVP facilities under the three alternatives, the No Project/No Action Alternative and Existing Conditions, both by water year type and for all water years combined, a series of steps were followed.

1. Observed average monthly exports ($WP_{m,i,YT}$) and the average monthly number of fish of a given target species salvaged at each facility ($S_{m,i,YT}$) were sorted by month (m), water year (i) and water year type (YT). The October 1995 through September 2009 export and salvage data consisted of 14 complete water years (i.e., October through September) classified into five wet years (1996, 1997, 1998, 1999, 2006), three above normal years (2000, 2003, 2005), one below normal year (2004), four dry years (2001, 2002, 2007, 2009), and one critical year (2008).
2. The simulated monthly exports at the SWP and CVP facilities ($E_{m,j,YT}$) under Existing Conditions or under any particular alternative also were sorted by month (m), water year (j), and water year type (YT). The October 1921 through September 2003 export consisted of 82 complete water years (i.e., October through September) classified into 26 wet years (1927, 1938, 1941, 1942, 1943, 1952, 1953, 1956, 1958, 1963, 1965, 1967, 1969, 1970, 1971, 1974, 1975, 1982, 1983, 1984, 1986, 1995, 1996, 1997, 1998, 1999), 12 above normal years (1922, 1928, 1940, 1951, 1954, 1957, 1973, 1978, 1980, 1993, 2000, 2003), 14 below normal years (1923, 1935, 1936, 1937, 1945, 1946, 1948, 1950, 1959, 1962, 1966, 1968, 1972, 1979), 18 dry years (1925, 1926, 1930, 1932, 1939, 1944, 1947, 1949, 1955, 1960, 1961, 1964, 1981, 1985, 1987, 1989, 2001, 2002), and 12 critical years (1924, 1929, 1931, 1933, 1934, 1976, 1977, 1988, 1990, 1991, 1992, 1994).
3. For any given month m in the salvage, observed export, and simulated export data bases, the basic calculation step is an expansion, which produces the term $Y_{m,i \times j, YT}$. The term represents the number of salvaged fish expected under a particular simulated monthly export for a month m , when the monthly raw salvage and observed export data are those for water year i , and the simulated monthly exports are those of water year j , and both observed and simulated water years are of the same type YT . The expression for $Y_{m,i \times j, YT}$ is:

$$Y_{m,i \times j, YT} = 1,000 \times PC_i \times \frac{S_{m,i,YT}}{WP_{m,i,YT}} \times E_{m,j,YT}$$

where the 1,000 factor is required to account for the different units of the simulated export (TAF) and observed export data (AF). The term PC_i is a factor used to correct the salvage values of the sampled year i by any potential temporal change in the abundance of the species of interest during year i , when a consistent and appropriately correlated abundance index for the species was available for the 14 complete water years of salvage data. PC_i is a scalar greater than 0. In the current assessment PC_i took the value 1 for all the species evaluated except delta smelt and striped bass. Details on the calculation and correction effects of PC_i for delta smelt and striped bass are provided in the next section.

The extent of the current data bases allows only for a certain number of combinations of the salvage, observed export, and simulated export monthly data to produce the expansion terms $Y_{m,i \times j, YT}$. Table 12I-1 indicates the total number of expansion terms for each of the 12 months of the year that, in turn, determines the sample sizes for the average calculations in following steps.

Table 12I-1
Number of expansion terms for each of the 12 months of the year by water year type and for all water year types combined

Water Year Type (WT)	Number of Unique Monthly Values		Number of Expansion Terms (I x J)
	Salvage and Pumped Water (i)	Export (j)	
W	5	26	130
AM	3	12	36
BN	1	14	14
D	4	18	72
C	1	12	12
All Types	14	82	264

4. For any of the ten species, the expected monthly number of salvaged fish at each facility for any of the 12 months (m) of a particular water year type (YT) was calculated by applying the average formula:

$$\bar{S}_{m, YT} = \sum_{i \times j=1}^{k_{YT}} Y_{m, i \times j, YT} / k_{YT}$$

where the expansion terms ($Y_{m, i \times j, YT}$) resulting from the exports under a particular alternative are averaged over the total number of expansion terms k_{YT} corresponding to the particular water year type. Thus, for a particular month of wet years $k_{YT} = 130$. Similarly, the simulated monthly numbers of salvaged fish for any of the 12 months in the remaining water year types resulted from averaging the $k_{YT} = 36$ (above normal), 14 (below normal), 72 (dry) and 12 (critical) corresponding expansion terms (Table 12I-1).

5. The simulated SWP and CVP monthly salvages for any given month over all possible water year types resulted from averaging the 264 expansion terms resulting from the exports under the particular alternative according to the formula:

$$\bar{S}_m = \sum_{YT=1}^5 \sum_{i \times j=1}^{k_{YT}} Y_{m, i \times j, YT} / \sum_{YT=1}^5 k_{YT} = \sum_{i \times j=1}^{264} Y_{m, i \times j, YT} / 264.$$

6. The simulated annual SWP and CVP monthly salvage of any of the evaluated species under a particular alternative for a particular water year type was calculated by applying the average formula:

$$\bar{S}_{YT} = \sum_{m=1}^{12} \sum_{i \times j=1}^{k_{YT}} Y_{m, i \times j, YT} / k_{YT} .$$

7. The simulated annual SWP and CVP monthly salvage of any of the evaluated species under a particular alternative over all possible water year types was calculated by applying the average formula:

$$\bar{S} = \sum_{YT=1}^5 \sum_{m=1}^{12} \sum_{i \times j=1}^{k_{YT}} Y_{m, i \times j, YT} / \sum_{YT=1}^5 k_{YT} = \sum_{i \times j=1}^{264} Y_{m, i \times j, YT} / 264 .$$

12I.1.4 Population Correction Factor

In step 3 of the above calculation approach the correction factor PC_i is used to correct the simulated salvage values of the sampled year i by any potential temporal change in the abundance of the species of interest during the year i , when a consistent abundance index for the species of interest was available for the 14 complete water years included in the salvage data. A consistent abundance index exists for Delta smelt, longfin smelt, age-0 striped bass and American shad in the form of the annual fall mid-water trawl (FMWT) abundance indices for the years 1995 through 2009 (Table 12I-2).

The FMWT has sampled annually since its inception in 1967, with the exceptions of 1974 and 1979, when no surveys were conducted, and 1976, when sampling was limited and no indices were calculated. The FMWT was initiated to determine the relative abundance and distribution of age-0 striped bass in the estuary, but the data has also been used for other upper estuary pelagic species, including Delta smelt, longfin smelt and American shad.

The FMWT samples 122 stations each month from September to December and a subset of these data is used to calculate an annual abundance index. These 122 stations range from San Pablo Bay upstream to Stockton on the San Joaquin River, Hood on the Sacramento River, and the Sacramento Deep Water Ship Channel.

FMWT equipment and methods have remained consistent since the survey's inception, which allows annual abundance indices to be compared across time. Monthly and annual abundance indices are calculated using catch data from 100 "index" stations grouped into 14 regional "areas". Monthly indices are calculated by averaging catch per tow for index stations in each regional area, multiplying these means by their respective weighting factors (i.e., a scalar based on water volume) for each area and summing these products for all 14 areas. Annual abundance indices are the sum of the four (September-December) monthly indices.

Table 12I-2
Annual fall mid-water trawl (FMWT) abundance indices for delta smelt, longfin smelt, age-0 striped bass and American shad and corresponding salvage water years

Salvage Water Year	FMWT Year	FMWT Abundance Index (No. of Fish)			
		Delta Smelt	Longfin Smelt	Striped Bass (Age 0)	American Shad
1996	1995	899	8,205	479	6,812
1997	1996	127	1,346	392	4,286
1998	1997	303	690	568	2,594
1999	1998	420	6,654	1,224	4,140
2000	1999	864	5,243	541	715
2001	2000	756	3,437	388	764
2002	2001	603	247	731	765
2003	2002	139	707	73	1,920
2004	2003	210	467	111	9,360
2005	2004	74	191	54	951
2006	2005	26	129	121	1,744
2007	2006	41	1,949	363	2,313
2008	2007	28	13	82	553
2009	2008	23	139	220	271
2010	2009	17	65	70	624

As a first step to assess whether the FMWT abundance indices can be used to calculate the correction factor PC_i for the four species in Table 12I-2, the relationships between the FMWT abundance indices for years 1995 through 2008 and the annual salvage at the SWP and CVP facilities, both individually and combined, for water years 1996 through 2009 were studied for each of the four species using a linear regression approach. Both the annual salvages (response variable) and the annual FMWT abundance indices (predictor variable) were log-transformed prior to the least square minimization. Table 12I-3 summarizes the results from these regressions.

Although the four species displayed positive slopes suggesting that salvage increases as the FMWT index of the species increases, only the regressions for delta smelt and striped bass proved to be statistically significant at an α level of 0.05. Consequently, only the FMWT indices of delta smelt and striped bass were selected to calculate the correction factors PC_i .

Table 12I-3
Regression statistics for the relationship between the natural logarithm of the annual salvages at SWP and CVP facilities, and the natural logarithm of the annual fall mid-water trawl (FMWT) abundance indices of delta smelt, longfin smelt, striped bass, and American shad during water years 1996 through 2009

Species	Regression Statistics	Facility		
		SWP	CVP	SWP = CVP
Delta Smelt	Intercept	1.8883	2.6162	3.3554
	Slope	1.3343	1.1107	1.1673
	r ²	0.572	0.636	0.626
	P (F)	0.002	0.0001	0.001
Longfin Smelt	Intercept	4.5297	4.3177	5.0436
	Slope	0.2050	0.1933	0.2235
	r ²	0.023	0.019	0.025
	P (F)	0.606	0.639	0.593
Striped Bass	Intercept	9.3590	10.0380	10.5980
	Slope	0.6732	0.4628	0.5524
	r ²	0.355	0.240	0.366
	P (F)	0.024	0.075	0.022
American Shad	Intercept	11.4011	9.3269	11.2174
	Slope	0.2468	0.4524	0.3386
	r ²	0.103	0.260	0.195
	P (F)	0.264	0.063	0.114

Note:

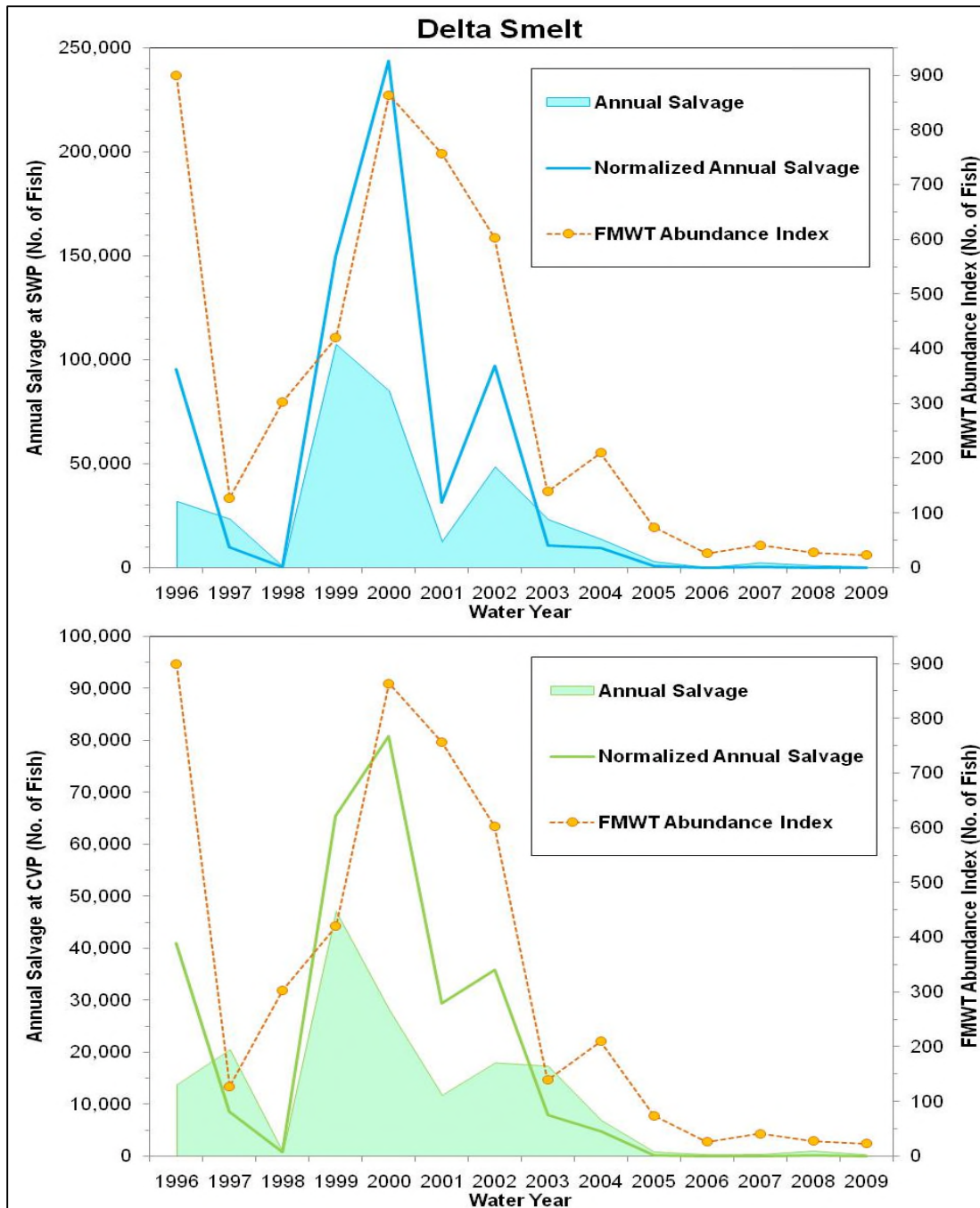
Highlighted cells indicate statistically significant linear relationships at $\alpha = 0.05$

The correction factors for all species other than delta smelt and striped bass were set as equal to one ($PC_i = 1$). For delta smelt and striped bass the correction factor was calculated using the following formula:

$$PC_i = \frac{FMWT\ Abundance\ Index_i}{\sum_{i=1996}^{2009} FMWT\ Abundance\ Index_i / 14},$$

where the subscript i indicates a particular observed salvage water year (October through September) within the period 1996 through 2009, that also corresponds to a particular FMWT year within the period 1995 through 2008 (see Table 12I-2). The correction factor, as defined by the above formula, captures the departures of particular annual FMWT abundance indices with respect to their overall mean, while remaining unit-less. Thus, abundance indices larger than the mean will produce a $PC_i > 1$, and abundance indices smaller than the mean will produce a $PC_i < 1$. The resulting PC_i 's then “normalize” (increase or decrease) the salvage values to reflect the departure of the particular annual FMWT abundance index from its overall mean without altering the units of the corresponding expansion term $Y_{m, i \times j, YT}$. Figure 12I-1 below illustrates this “normalization” of the annual salvage data for Delta smelt.

Figure 12I-1
Normalization of the annual salvage of Delta smelt by applying the correction factor PCi based on the fall mid-water trawl (FMWT) abundance indices of the species (see text)



12I.2 Results

This section includes the results of the Delta Pumping Salvage and Entrainment Analysis for the alternatives evaluated in the NODOS DEIR/EIS. The fisheries impact assessment and methodology is described in Chapter 12 Aquatic Biological Resources and in Appendix 12B and 12C.

12I.2.1 Introduction

For each of the species considered, a summary report of the analysis was prepared. The reports present the expected salvage results for each species, for each alternative, by overall average and water year type average (D-1641 40-30-30 index) and by month.

- American Shad (*Alosa sapidissima*)
- Delta Smelt (*Hypomesus transpacificus*)
- Green Sturgeon (*Acipenser medirostris*)
- Lamprey (*Lampetra* spp.)
- Largemouth Bass (*Micropterus salmoides*)
- Longfin Smelt (*Spirinchus thaleichthys*)
- Splittail (*Pogonichthys macrolepidotus*)
- Steelhead (*Oncorhynchus mykiss*)
- Striped Bass (*Morone saxatilis*)
- White Sturgeon (*Acipenser transmontanus*)

12I.2.2 Comparisons

For each species the following seven comparisons of alternatives are presented:

- No Project/No Action Alternative compared to Existing Conditions
- Alternative A compared to Existing Conditions
- Alternative A compared to No Project/No Action Alternative
- Alternative B compared to Existing Conditions
- Alternative B compared to No Project/No Action Alternative
- Alternative C compared to Existing Conditions
- Alternative C compared to No Project/No Action Alternative

12I.3 References

California Department of Fish and Game. 2010a. Salvage Monitoring – Salvage/Export Data for the SWP and CVP fish facilities. Accessed at <http://www.dfg.ca.gov/delta/apps/salvage>.

California Department of Fish and Game. 2010b. Fall Midwater Trawl indices for age-0 striped bass (*Morone saxatilis*), delta smelt (*Hypomesus transpacificus*), longfin smelt (*Spirinchus thaleichthys*), American shad (*Alosa sapidissima*), splittail (*Pogonichthys macrolepidotus*), and threadfin shad (*Dorosoma petenense*) from 1967-2010. Accessed at <http://www.dfg.ca.gov/delta/data/fmwt/charts.asp>.

American Shad

American Shad

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	34,200	35,951	-1,751	-4.9%	80,194	79,931	263	0.3%
November	78,580	79,211	-631	-0.8%	138,866	137,889	977	0.7%
December	51,486	51,712	-226	-0.4%	63,371	61,488	1,883	3.1%
January	32,737	32,598	139	0.4%	26,958	26,902	56	0.2%
February	6,402	6,342	60	0.9%	4,400	4,649	-249	-5.4%
March	972	957	15	1.6%	278	282	-4	-1.4%
April	255	246	9	3.7%	71	71	0	0.0%
May	10,524	9,632	892	9.3%	2,013	2,020	-7	-0.3%
June	19,772	19,242	530	2.8%	3,773	3,742	31	0.8%
July	292,404	292,939	-535	-0.2%	70,602	70,660	-58	-0.1%
August	167,733	168,791	-1,058	-0.6%	40,799	40,393	406	1.0%
September	43,405	42,340	1,065	2.5%	10,887	10,803	84	0.8%
Annual Average	738,471	739,961	-1,490	-0.2%	442,211	438,832	3,379	0.8%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	46,095	48,485	-2,390	-4.9%	133,594	131,898	1,696	1.3%
November	116,641	116,261	380	0.3%	160,646	156,665	3,981	2.5%
December	46,752	45,604	1,148	2.5%	66,655	65,740	915	1.4%
January	50,779	50,543	236	0.5%	37,146	36,410	736	2.0%
February	9,301	9,327	-26	-0.3%	6,463	6,683	-220	-3.3%
March	1,012	980	32	3.3%	188	196	-8	-4.1%
April	351	333	18	5.4%	46	46	0	0.0%
May	21,214	19,397	1,817	9.4%	4,048	4,063	-15	-0.4%
June	18,477	17,566	911	5.2%	6,238	6,164	74	1.2%
July	268,049	265,655	2,394	0.9%	101,300	101,028	272	0.3%
August	198,021	193,415	4,606	2.4%	63,866	62,817	1,049	1.7%
September	45,567	42,973	2,594	6.0%	16,698	16,482	216	1.3%
Annual Average	822,258	810,541	11,717	1.4%	596,887	588,192	8,695	1.5%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	6,186	6,470	-284	-4.4%	16,147	15,829	318	2.0%
November	38,506	43,087	-4,581	-10.6%	125,277	120,956	4,321	3.6%
December	86,856	90,516	-3,660	-4.0%	69,342	67,884	1,458	2.1%
January	17,450	16,188	1,262	7.8%	24,498	25,369	-871	-3.4%
February	4,460	4,376	84	1.9%	2,308	2,667	-359	-13.5%
March	770	768	2	0.3%	275	264	11	4.2%
April	70	70	0	0.0%	16	16	0	0.0%
May	191	191	0	0.0%	8	8	0	0.0%
June	67,005	67,045	-40	-0.1%	4,215	4,278	-63	-1.5%
July	686,950	693,708	-6,758	-1.0%	124,941	126,193	-1,252	-1.0%
August	270,681	261,417	9,264	3.5%	44,343	43,263	1,080	2.5%
September	71,327	70,676	651	0.9%	15,545	15,658	-113	-0.7%
Annual Average	1,250,452	1,254,512	-4,060	-0.3%	426,915	422,385	4,530	1.1%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	14,149	15,285	-1,136	-7.4%	974	975	-1	-0.1%
November	48,471	52,002	-3,531	-6.8%	166,997	173,029	-6,032	-3.5%
December	75,758	76,516	-758	-1.0%	82,023	78,000	4,023	5.2%
January	25,870	24,842	1,028	4.1%	38,571	40,865	-2,294	-5.6%
February	6,060	5,659	401	7.1%	6,219	7,112	-893	-12.6%
March	4,471	4,437	34	0.8%	1,312	1,352	-40	-3.0%
April	258	258	0	0.0%	187	187	0	0.0%
May	160	160	0	0.0%	308	307	1	0.3%
June	1,694	1,882	-188	-10.0%	979	933	46	4.9%
July	90,792	90,956	-164	-0.2%	6,022	5,755	267	4.6%
August	31,293	30,940	353	1.1%	5,538	5,449	89	1.6%
September	10,218	11,043	-825	-7.5%	2,212	2,126	86	4.0%
Annual Average	309,193	313,982	-4,789	-1.5%	311,342	316,091	-4,749	-1.5%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	34,884	36,509	-1,625	-4.5%	43,995	46,254	-2,259	-4.9%
November	48,592	48,582	10	0.0%	122,187	126,814	-4,627	-3.6%
December	44,221	45,065	-844	-1.9%	58,861	55,214	3,647	6.6%
January	10,564	10,874	-310	-2.9%	9,934	9,951	-17	-0.2%
February	2,168	2,078	90	4.3%	1,550	1,575	-25	-1.6%
March	431	444	-13	-2.9%	270	270	0	0.0%
April	201	199	2	1.0%	130	132	-2	-1.5%
May	78	80	-2	-2.5%	7	7	0	0.0%
June	5,290	4,937	353	7.2%	273	270	3	1.1%
July	223,077	225,561	-2,484	-1.1%	11,922	12,030	-108	-0.9%
August	111,913	127,887	-15,974	-12.5%	10,544	11,438	-894	-7.8%
September	28,937	30,931	-1,994	-6.4%	1,521	1,563	-42	-2.7%
Annual Average	510,356	533,147	-22,791	-4.3%	261,195	265,517	-4,322	-1.6%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	8,673	9,374	-701	-7.5%	3,447	3,442	5	0.1%
November	1,539	1,723	-184	-10.7%	10,929	10,730	199	1.9%
December	11,952	12,428	-476	-3.8%	15,176	14,616	560	3.8%
January	24,189	26,817	-2,628	-9.8%	12,563	13,916	-1,353	-9.7%
February	6,620	6,294	326	5.2%	3,298	4,138	-840	-20.3%
March	313	282	31	11.0%	106	101	5	5.0%
April	91	91	0	0.0%	13	13	0	0.0%
May	494	528	-34	-6.4%	0	0	0	N/A
June	78	70	8	11.4%	4	4	0	0.0%
July	23,784	26,114	-2,330	-8.9%	2,448	2,585	-137	-5.3%
August	24,876	30,407	-5,531	-18.2%	2,952	3,361	-409	-12.2%
September	61,746	55,428	6,318	11.4%	279	284	-5	-1.8%
Annual Average	164,356	169,555	-5,199	-3.1%	51,215	53,189	-1,974	-3.7%

American Shad

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	38,930	35,951	2,979	8.3%	87,197	79,931	7,266	9.1%
November	89,098	79,211	9,887	12.5%	144,906	137,889	7,017	5.1%
December	51,999	51,712	287	0.6%	63,272	61,488	1,784	2.9%
January	32,920	32,598	322	1.0%	27,618	26,902	716	2.7%
February	6,179	6,342	-163	-2.6%	4,597	4,649	-52	-1.1%
March	970	957	13	1.4%	276	282	-6	-2.1%
April	255	246	9	3.7%	71	71	0	0.0%
May	10,515	9,632	883	9.2%	2,013	2,020	-7	-0.3%
June	20,270	19,242	1,028	5.3%	3,734	3,742	-8	-0.2%
July	289,784	292,939	-3,155	-1.1%	72,256	70,660	1,596	2.3%
August	171,734	168,791	2,943	1.7%	40,369	40,393	-24	-0.1%
September	48,686	42,340	6,346	15.0%	12,065	10,803	1,262	11.7%
Annual Average	761,339	739,961	21,378	2.9%	458,375	438,832	19,543	4.5%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	53,616	48,485	5,131	10.6%	146,172	131,898	14,274	10.8%
November	127,347	116,261	11,086	9.5%	164,094	156,665	7,429	4.7%
December	46,333	45,604	729	1.6%	67,139	65,740	1,399	2.1%
January	50,880	50,543	337	0.7%	37,424	36,410	1,014	2.8%
February	8,883	9,327	-444	-4.8%	6,651	6,683	-32	-0.5%
March	1,014	980	34	3.5%	188	196	-8	-4.1%
April	350	333	17	5.1%	46	46	0	0.0%
May	21,185	19,397	1,788	9.2%	4,048	4,063	-15	-0.4%
June	18,474	17,566	908	5.2%	6,231	6,164	67	1.1%
July	267,203	265,655	1,548	0.6%	100,581	101,028	-447	-0.4%
August	197,621	193,415	4,206	2.2%	62,855	62,817	38	0.1%
September	49,835	42,973	6,862	16.0%	18,600	16,482	2,118	12.9%
Annual Average	842,743	810,541	32,202	4.0%	614,028	588,192	25,836	4.4%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	6,847	6,470	377	5.8%	17,954	15,829	2,125	13.4%
November	41,862	43,087	-1,225	-2.8%	130,616	120,956	9,660	8.0%
December	88,809	90,516	-1,707	-1.9%	68,626	67,884	742	1.1%
January	16,090	16,188	-98	-0.6%	25,823	25,369	454	1.8%
February	4,437	4,376	61	1.4%	2,509	2,667	-158	-5.9%
March	769	768	1	0.1%	276	264	12	4.5%
April	70	70	0	0.0%	16	16	0	0.0%
May	191	191	0	0.0%	8	8	0	0.0%
June	70,594	67,045	3,549	5.3%	3,997	4,278	-281	-6.6%
July	667,471	693,708	-26,237	-3.8%	139,109	126,193	12,916	10.2%
August	270,553	261,417	9,136	3.5%	42,734	43,263	-529	-1.2%
September	75,976	70,676	5,300	7.5%	17,298	15,658	1,640	10.5%
Annual Average	1,243,670	1,254,512	-10,842	-0.9%	448,967	422,385	26,582	6.3%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	15,608	15,285	323	2.1%	1,015	975	40	4.1%
November	61,750	52,002	9,748	18.7%	170,809	173,029	-2,220	-1.3%
December	74,472	76,516	-2,044	-2.7%	82,540	78,000	4,540	5.8%
January	24,564	24,842	-278	-1.1%	40,735	40,865	-130	-0.3%
February	5,717	5,659	58	1.0%	7,217	7,112	105	1.5%
March	4,463	4,437	26	0.6%	1,346	1,352	-6	-0.4%
April	257	258	-1	-0.4%	186	187	-1	-0.5%
May	160	160	0	0.0%	308	307	1	0.3%
June	1,904	1,882	22	1.2%	906	933	-27	-2.9%
July	90,125	90,956	-831	-0.9%	6,103	5,755	348	6.0%
August	31,255	30,940	315	1.0%	5,519	5,449	70	1.3%
September	11,232	11,043	189	1.7%	2,252	2,126	126	5.9%
Annual Average	321,509	313,982	7,527	2.4%	318,937	316,091	2,846	0.9%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	37,881	36,509	1,372	3.8%	46,077	46,254	-177	-0.4%
November	63,452	48,582	14,870	30.6%	134,555	126,814	7,741	6.1%
December	46,109	45,065	1,044	2.3%	58,150	55,214	2,936	5.3%
January	11,275	10,874	401	3.7%	10,253	9,951	302	3.0%
February	2,099	2,078	21	1.0%	1,585	1,575	10	0.6%
March	425	444	-19	-4.3%	257	270	-13	-4.8%
April	200	199	1	0.5%	132	132	0	0.0%
May	76	80	-4	-5.0%	7	7	0	0.0%
June	5,287	4,937	350	7.1%	267	270	-3	-1.1%
July	224,678	225,561	-883	-0.4%	12,178	12,030	148	1.2%
August	123,429	127,887	-4,458	-3.5%	11,513	11,438	75	0.7%
September	33,231	30,931	2,300	7.4%	1,523	1,563	-40	-2.6%
Annual Average	548,142	533,147	14,995	2.8%	276,497	265,517	10,980	4.1%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	9,589	9,374	215	2.3%	3,289	3,442	-153	-4.4%
November	2,229	1,723	506	29.4%	11,802	10,730	1,072	10.0%
December	12,059	12,428	-369	-3.0%	13,576	14,616	-1,040	-7.1%
January	28,454	26,817	1,637	6.1%	15,665	13,916	1,749	12.6%
February	7,136	6,294	842	13.4%	3,629	4,138	-509	-12.3%
March	283	282	1	0.4%	101	101	0	0.0%
April	97	91	6	6.6%	13	13	0	0.0%
May	605	528	77	14.6%	0	0	0	N/A
June	72	70	2	2.9%	4	4	0	0.0%
July	24,915	26,114	-1,199	-4.6%	2,490	2,585	-95	-3.7%
August	48,565	30,407	18,158	59.7%	3,474	3,361	113	3.4%
September	90,790	55,428	35,362	63.8%	269	284	-15	-5.3%
Annual Average	224,793	169,555	55,238	32.6%	54,311	53,189	1,122	2.1%

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All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	38,930	34,200	4,730	13.8%	87,197	80,194	7,003	8.7%
November	89,098	78,580	10,518	13.4%	144,906	138,866	6,040	4.3%
December	51,999	51,486	513	1.0%	63,272	63,371	-99	-0.2%
January	32,920	32,737	183	0.6%	27,618	26,958	660	2.4%
February	6,179	6,402	-223	-3.5%	4,597	4,400	197	4.5%
March	970	972	-2	-0.2%	276	278	-2	-0.7%
April	255	255	0	0.0%	71	71	0	0.0%
May	10,515	10,524	-9	-0.1%	2,013	2,013	0	0.0%
June	20,270	19,772	498	2.5%	3,734	3,773	-39	-1.0%
July	289,784	292,404	-2,620	-0.9%	72,256	70,602	1,654	2.3%
August	171,734	167,733	4,001	2.4%	40,369	40,799	-430	-1.1%
September	48,686	43,405	5,281	12.2%	12,065	10,887	1,178	10.8%
Annual Average	761,339	738,471	22,868	3.1%	458,375	442,211	16,164	3.7%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	53,616	46,095	7,521	16.3%	146,172	133,594	12,578	9.4%
November	127,347	116,641	10,706	9.2%	164,094	160,646	3,448	2.1%
December	46,333	46,752	-419	-0.9%	67,139	66,655	484	0.7%
January	50,880	50,779	101	0.2%	37,424	37,146	278	0.7%
February	8,883	9,301	-418	-4.5%	6,651	6,463	188	2.9%
March	1,014	1,012	2	0.2%	188	188	0	0.0%
April	350	351	-1	-0.3%	46	46	0	0.0%
May	21,185	21,214	-29	-0.1%	4,048	4,048	0	0.0%
June	18,474	18,477	-3	0.0%	6,231	6,238	-7	-0.1%
July	267,203	268,049	-846	-0.3%	100,581	101,300	-719	-0.7%
August	197,621	198,021	-400	-0.2%	62,855	63,866	-1,011	-1.6%
September	49,835	45,567	4,268	9.4%	18,600	16,698	1,902	11.4%
Annual Average	842,743	822,258	20,485	2.5%	614,028	596,887	17,141	2.9%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	6,847	6,186	661	10.7%	17,954	16,147	1,807	11.2%
November	41,862	38,506	3,356	8.7%	130,616	125,277	5,339	4.3%
December	88,809	86,856	1,953	2.2%	68,626	69,342	-716	-1.0%
January	16,090	17,450	-1,360	-7.8%	25,823	24,498	1,325	5.4%
February	4,437	4,460	-23	-0.5%	2,509	2,308	201	8.7%
March	769	770	-1	-0.1%	276	275	1	0.4%
April	70	70	0	0.0%	16	16	0	0.0%
May	191	191	0	0.0%	8	8	0	0.0%
June	70,594	67,005	3,589	5.4%	3,997	4,215	-218	-5.2%
July	667,471	686,950	-19,479	-2.8%	139,109	124,941	14,168	11.3%
August	270,553	270,681	-128	0.0%	42,734	44,343	-1,609	-3.6%
September	75,976	71,327	4,649	6.5%	17,298	15,545	1,753	11.3%
Annual Average	1,243,670	1,250,452	-6,782	-0.5%	448,967	426,915	22,052	5.2%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	15,608	14,149	1,459	10.3%	1,015	974	41	4.2%
November	61,750	48,471	13,279	27.4%	170,809	166,997	3,812	2.3%
December	74,472	75,758	-1,286	-1.7%	82,540	82,023	517	0.6%
January	24,564	25,870	-1,306	-5.0%	40,735	38,571	2,164	5.6%
February	5,717	6,060	-343	-5.7%	7,217	6,219	998	16.0%
March	4,463	4,471	-8	-0.2%	1,346	1,312	34	2.6%
April	257	258	-1	-0.4%	186	187	-1	-0.5%
May	160	160	0	0.0%	308	308	0	0.0%
June	1,904	1,694	210	12.4%	906	979	-73	-7.5%
July	90,125	90,792	-667	-0.7%	6,103	6,022	81	1.3%
August	31,255	31,293	-38	-0.1%	5,519	5,538	-19	-0.3%
September	11,232	10,218	1,014	9.9%	2,252	2,212	40	1.8%
Annual Average	321,509	309,193	12,316	4.0%	318,937	311,342	7,595	2.4%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	37,881	34,884	2,997	8.6%	46,077	43,995	2,082	4.7%
November	63,452	48,592	14,860	30.6%	134,555	122,187	12,368	10.1%
December	46,109	44,221	1,888	4.3%	58,150	58,861	-711	-1.2%
January	11,275	10,564	711	6.7%	10,253	9,934	319	3.2%
February	2,099	2,168	-69	-3.2%	1,585	1,550	35	2.3%
March	425	431	-6	-1.4%	257	270	-13	-4.8%
April	200	201	-1	-0.5%	132	130	2	1.5%
May	76	78	-2	-2.6%	7	7	0	0.0%
June	5,287	5,290	-3	-0.1%	267	273	-6	-2.2%
July	224,678	223,077	1,601	0.7%	12,178	11,922	256	2.1%
August	123,429	111,913	11,516	10.3%	11,513	10,544	969	9.2%
September	33,231	28,937	4,294	14.8%	1,523	1,521	2	0.1%
Annual Average	548,142	510,356	37,786	7.4%	276,497	261,195	15,302	5.9%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	9,589	8,673	916	10.6%	3,289	3,447	-158	-4.6%
November	2,229	1,539	690	44.8%	11,802	10,929	873	8.0%
December	12,059	11,952	107	0.9%	13,576	15,176	-1,600	-10.5%
January	28,454	24,189	4,265	17.6%	15,665	12,563	3,102	24.7%
February	7,136	6,620	516	7.8%	3,629	3,298	331	10.0%
March	283	313	-30	-9.6%	101	106	-5	-4.7%
April	97	91	6	6.6%	13	13	0	0.0%
May	605	494	111	22.5%	0	0	0	N/A
June	72	78	-6	-7.7%	4	4	0	0.0%
July	24,915	23,784	1,131	4.8%	2,490	2,448	42	1.7%
August	48,565	24,876	23,689	95.2%	3,474	2,952	522	17.7%
September	90,790	61,746	29,044	47.0%	269	279	-10	-3.6%
Annual Average	224,793	164,356	60,437	36.8%	54,311	51,215	3,096	6.0%

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All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	39,108	35,951	3,157	8.8%	88,964	79,931	9,033	11.3%
November	93,464	79,211	14,253	18.0%	146,300	137,889	8,411	6.1%
December	51,608	51,712	-104	-0.2%	63,860	61,488	2,372	3.9%
January	33,079	32,598	481	1.5%	27,544	26,902	642	2.4%
February	6,209	6,342	-133	-2.1%	4,643	4,649	-6	-0.1%
March	973	957	16	1.7%	276	282	-6	-2.1%
April	254	246	8	3.3%	71	71	0	0.0%
May	10,507	9,632	875	9.1%	2,013	2,020	-7	-0.3%
June	19,845	19,242	603	3.1%	3,729	3,742	-13	-0.3%
July	289,731	292,939	-3,208	-1.1%	72,460	70,660	1,800	2.5%
August	172,291	168,791	3,500	2.1%	40,232	40,393	-161	-0.4%
September	49,132	42,340	6,792	16.0%	12,153	10,803	1,350	12.5%
Annual Average	766,202	739,961	26,241	3.5%	462,244	438,832	23,412	5.3%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	53,716	48,485	5,231	10.8%	148,685	131,898	16,787	12.7%
November	135,648	116,261	19,387	16.7%	166,535	156,665	9,870	6.3%
December	46,222	45,604	618	1.4%	67,629	65,740	1,889	2.9%
January	50,735	50,543	192	0.4%	37,455	36,410	1,045	2.9%
February	8,977	9,327	-350	-3.8%	6,804	6,683	121	1.8%
March	1,020	980	40	4.1%	189	196	-7	-3.6%
April	350	333	17	5.1%	46	46	0	0.0%
May	21,169	19,397	1,772	9.1%	4,048	4,063	-15	-0.4%
June	18,463	17,566	897	5.1%	6,230	6,164	66	1.1%
July	267,332	265,655	1,677	0.6%	100,867	101,028	-161	-0.2%
August	196,969	193,415	3,554	1.8%	62,761	62,817	-56	-0.1%
September	49,810	42,973	6,837	15.9%	18,552	16,482	2,070	12.6%
Annual Average	850,409	810,541	39,868	4.9%	619,802	588,192	31,610	5.4%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	6,643	6,470	173	2.7%	17,046	15,829	1,217	7.7%
November	47,220	43,087	4,133	9.6%	135,090	120,956	14,134	11.7%
December	87,330	90,516	-3,186	-3.5%	71,206	67,884	3,322	4.9%
January	16,967	16,188	779	4.8%	26,334	25,369	965	3.8%
February	4,447	4,376	71	1.6%	2,374	2,667	-293	-11.0%
March	770	768	2	0.3%	265	264	1	0.4%
April	70	70	0	0.0%	16	16	0	0.0%
May	190	191	-1	-0.5%	8	8	0	0.0%
June	67,894	67,045	849	1.3%	4,013	4,278	-265	-6.2%
July	668,164	693,708	-25,544	-3.7%	139,892	126,193	13,699	10.9%
August	273,632	261,417	12,215	4.7%	43,246	43,263	-17	0.0%
September	77,610	70,676	6,934	9.8%	17,939	15,658	2,281	14.6%
Annual Average	1,250,937	1,254,512	-3,575	-0.3%	457,429	422,385	35,044	8.3%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	15,498	15,285	213	1.4%	985	975	10	1.0%
November	63,445	52,002	11,443	22.0%			0	N/A
December	73,760	76,516	-2,756	-3.6%	78,760	78,000	760	1.0%
January	26,004	24,842	1,162	4.7%	38,350	40,865	-2,515	-6.2%
February	5,669	5,659	10	0.2%	6,666	7,112	-446	-6.3%
March	4,413	4,437	-24	-0.5%	1,318	1,352	-34	-2.5%
April	257	258	-1	-0.4%	186	187	-1	-0.5%
May	160	160	0	0.0%	308	307	1	0.3%
June	1,861	1,882	-21	-1.1%	872	933	-61	-6.5%
July	90,452	90,956	-504	-0.6%	5,820	5,755	65	1.1%
August	30,768	30,940	-172	-0.6%	5,414	5,449	-35	-0.6%
September	10,608	11,043	-435	-3.9%	2,248	2,126	122	5.7%
Annual Average	322,896	313,982	8,914	2.8%	325,435	316,091	9,344	3.0%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	38,577	36,509	2,068	5.7%	48,438	46,254	2,184	4.7%
November	61,457	48,582	12,875	26.5%	130,421	126,814	3,607	2.8%
December	45,722	45,065	657	1.5%	58,739	55,214	3,525	6.4%
January	11,227	10,874	353	3.2%	10,334	9,951	383	3.8%
February	2,122	2,078	44	2.1%	1,560	1,575	-15	-1.0%
March	430	444	-14	-3.2%	266	270	-4	-1.5%
April	199	199	0	0.0%	132	132	0	0.0%
May	75	80	-5	-6.3%	7	7	0	0.0%
June	5,111	4,937	174	3.5%	246	270	-24	-8.9%
July	223,926	225,561	-1,635	-0.7%	12,069	12,030	39	0.3%
August	124,831	127,887	-3,056	-2.4%	11,037	11,438	-401	-3.5%
September	34,495	30,931	3,564	11.5%	1,604	1,563	41	2.6%
Annual Average	548,171	533,147	15,024	2.8%	274,854	265,517	9,337	3.5%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	8,991	9,374	-383	-4.1%	3,524	3,442	82	2.4%
November	2,272	1,723	549	31.9%	11,416	10,730	686	6.4%
December	12,270	12,428	-158	-1.3%	14,329	14,616	-287	-2.0%
January	29,518	26,817	2,701	10.1%	14,453	13,916	537	3.9%
February	6,669	6,294	375	6.0%	4,181	4,138	43	1.0%
March	309	282	27	9.6%	99	101	-2	-2.0%
April	99	91	8	8.8%	13	13	0	0.0%
May	621	528	93	17.6%	0	0	0	N/A
June	69	70	-1	-1.4%	4	4	0	0.0%
July	24,419	26,114	-1,695	-6.5%	2,515	2,585	-70	-2.7%
August	50,782	30,407	20,375	67.0%	2,927	3,361	-434	-12.9%
September	89,119	55,428	33,691	60.8%	308	284	24	8.5%
Annual Average	225,138	169,555	55,583	32.8%	53,770	53,189	581	1.1%

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All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	39,108	34,200	4,908	14.4%	88,964	80,194	8,770	10.9%
November	93,464	78,580	14,884	18.9%	146,300	138,866	7,434	5.4%
December	51,608	51,486	122	0.2%	63,860	63,371	489	0.8%
January	33,079	32,737	342	1.0%	27,544	26,958	586	2.2%
February	6,209	6,402	-193	-3.0%	4,643	4,400	243	5.5%
March	973	972	1	0.1%	276	278	-2	-0.7%
April	254	255	-1	-0.4%	71	71	0	0.0%
May	10,507	10,524	-17	-0.2%	2,013	2,013	0	0.0%
June	19,845	19,772	73	0.4%	3,729	3,773	-44	-1.2%
July	289,731	292,404	-2,673	-0.9%	72,460	70,602	1,858	2.6%
August	172,291	167,733	4,558	2.7%	40,232	40,799	-567	-1.4%
September	49,132	43,405	5,727	13.2%	12,153	10,887	1,266	11.6%
Annual Average	766,202	738,471	27,731	3.8%	462,244	442,211	20,033	4.5%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	53,716	46,095	7,621	16.5%	148,685	133,594	15,091	11.3%
November	135,648	116,641	19,007	16.3%	166,535	160,646	5,889	3.7%
December	46,222	46,752	-530	-1.1%	67,629	66,655	974	1.5%
January	50,735	50,779	-44	-0.1%	37,455	37,146	309	0.8%
February	8,977	9,301	-324	-3.5%	6,804	6,463	341	5.3%
March	1,020	1,012	8	0.8%	189	188	1	0.5%
April	350	351	-1	-0.3%	46	46	0	0.0%
May	21,169	21,214	-45	-0.2%	4,048	4,048	0	0.0%
June	18,463	18,477	-14	-0.1%	6,230	6,238	-8	-0.1%
July	267,332	268,049	-717	-0.3%	100,867	101,300	-433	-0.4%
August	196,969	198,021	-1,052	-0.5%	62,761	63,866	-1,105	-1.7%
September	49,810	45,567	4,243	9.3%	18,552	16,698	1,854	11.1%
Annual Average	850,409	822,258	28,151	3.4%	619,802	596,887	22,915	3.8%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	6,643	6,186	457	7.4%	17,046	16,147	899	5.6%
November	47,220	38,506	8,714	22.6%	135,090	125,277	9,813	7.8%
December	87,330	86,856	474	0.5%	71,206	69,342	1,864	2.7%
January	16,967	17,450	-483	-2.8%	26,334	24,498	1,836	7.5%
February	4,447	4,460	-13	-0.3%	2,374	2,308	66	2.9%
March	770	770	0	0.0%	265	275	-10	-3.6%
April	70	70	0	0.0%	16	16	0	0.0%
May	190	191	-1	-0.5%	8	8	0	0.0%
June	67,894	67,005	889	1.3%	4,013	4,215	-202	-4.8%
July	668,164	686,950	-18,786	-2.7%	139,892	124,941	14,951	12.0%
August	273,632	270,681	2,951	1.1%	43,246	44,343	-1,097	-2.5%
September	77,610	71,327	6,283	8.8%	17,939	15,545	2,394	15.4%
Annual Average	1,250,937	1,250,452	485	0.0%	457,429	426,915	30,514	7.1%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	15,498	14,149	1,349	9.5%	985	974	11	1.1%
November	63,445	48,471	14,974	30.9%	184,507	166,997	17,510	10.5%
December	73,760	75,758	-1,998	-2.6%	78,760	82,023	-3,263	-4.0%
January	26,004	25,870	134	0.5%	38,350	38,571	-221	-0.6%
February	5,669	6,060	-391	-6.5%	6,666	6,219	447	7.2%
March	4,413	4,471	-58	-1.3%	1,318	1,312	6	0.5%
April	257	258	-1	-0.4%	186	187	-1	-0.5%
May	160	160	0	0.0%	308	308	0	0.0%
June	1,861	1,694	167	9.9%	872	979	-107	-10.9%
July	90,452	90,792	-340	-0.4%	5,820	6,022	-202	-3.4%
August	30,768	31,293	-525	-1.7%	5,414	5,538	-124	-2.2%
September	10,608	10,218	390	3.8%	2,248	2,212	36	1.6%
Annual Average	322,896	309,193	13,703	4.4%	325,435	311,342	14,093	4.5%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	38,577	34,884	3,693	10.6%	48,438	43,995	4,443	10.1%
November	61,457	48,592	12,865	26.5%	130,421	122,187	8,234	6.7%
December	45,722	44,221	1,501	3.4%	58,739	58,861	-122	-0.2%
January	11,227	10,564	663	6.3%	10,334	9,934	400	4.0%
February	2,122	2,168	-46	-2.1%	1,560	1,550	10	0.6%
March	430	431	-1	-0.2%	266	270	-4	-1.5%
April	199	201	-2	-1.0%	132	130	2	1.5%
May	75	78	-3	-3.8%	7	7	0	0.0%
June	5,111	5,290	-179	-3.4%	246	273	-27	-9.9%
July	223,926	223,077	849	0.4%	12,069	11,922	147	1.2%
August	124,831	111,913	12,918	11.5%	11,037	10,544	493	4.7%
September	34,495	28,937	5,558	19.2%	1,604	1,521	83	5.5%
Annual Average	548,171	510,356	37,815	7.4%	274,854	261,195	13,659	5.2%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	8,991	8,673	318	3.7%	3,524	3,447	77	2.2%
November	2,272	1,539	733	47.6%	11,416	10,929	487	4.5%
December	12,270	11,952	318	2.7%	14,329	15,176	-847	-5.6%
January	29,518	24,189	5,329	22.0%	14,453	12,563	1,890	15.0%
February	6,669	6,620	49	0.7%	4,181	3,298	883	26.8%
March	309	313	-4	-1.3%	99	106	-7	-6.6%
April	99	91	8	8.8%	13	13	0	0.0%
May	621	494	127	25.7%	0	0	0	N/A
June	69	78	-9	-11.5%	4	4	0	0.0%
July	24,419	23,784	635	2.7%	2,515	2,448	67	2.7%
August	50,782	24,876	25,906	104.1%	2,927	2,952	-25	-0.8%
September	89,119	61,746	27,373	44.3%	308	279	29	10.4%
Annual Average	225,138	164,356	60,782	37.0%	53,770	51,215	2,555	5.0%

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All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	39,911	35,951	3,960	11.0%	87,902	79,931	7,971	10.0%
November	96,796	79,211	17,585	22.2%	147,501	137,889	9,612	7.0%
December	51,499	51,712	-213	-0.4%	63,835	61,488	2,347	3.8%
January	32,751	32,598	153	0.5%	27,775	26,902	873	3.2%
February	6,137	6,342	-205	-3.2%	4,652	4,649	3	0.1%
March	957	957	0	0.0%	276	282	-6	-2.1%
April	254	246	8	3.3%	71	71	0	0.0%
May	10,507	9,632	875	9.1%	2,013	2,020	-7	-0.3%
June	20,052	19,242	810	4.2%	3,718	3,742	-24	-0.6%
July	288,811	292,939	-4,128	-1.4%	73,017	70,660	2,357	3.3%
August	172,633	168,791	3,842	2.3%	40,570	40,393	177	0.4%
September	48,315	42,340	5,975	14.1%	12,170	10,803	1,367	12.7%
Annual Average	768,623	739,961	28,662	3.9%	463,499	438,832	24,667	5.6%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	54,220	48,485	5,735	11.8%	148,199	131,898	16,301	12.4%
November	139,958	116,261	23,697	20.4%	168,984	156,665	12,319	7.9%
December	46,137	45,604	533	1.2%	67,431	65,740	1,691	2.6%
January	50,421	50,543	-122	-0.2%	37,817	36,410	1,407	3.9%
February	8,865	9,327	-462	-5.0%	6,709	6,683	26	0.4%
March	993	980	13	1.3%	188	196	-8	-4.1%
April	350	333	17	5.1%	46	46	0	0.0%
May	21,168	19,397	1,771	9.1%	4,048	4,063	-15	-0.4%
June	18,500	17,566	934	5.3%	6,215	6,164	51	0.8%
July	267,198	265,655	1,543	0.6%	101,701	101,028	673	0.7%
August	197,514	193,415	4,099	2.1%	62,873	62,817	56	0.1%
September	49,813	42,973	6,840	15.9%	18,574	16,482	2,092	12.7%
Annual Average	855,139	810,541	44,598	5.5%	622,787	588,192	34,595	5.9%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	6,826	6,470	356	5.5%	17,839	15,829	2,010	12.7%
November	45,263	43,087	2,176	5.1%	136,611	120,956	15,655	12.9%
December	86,088	90,516	-4,428	-4.9%	68,898	67,884	1,014	1.5%
January	16,328	16,188	140	0.9%	25,823	25,369	454	1.8%
February	4,136	4,376	-240	-5.5%	2,780	2,667	113	4.2%
March	757	768	-11	-1.4%	271	264	7	2.7%
April	70	70	0	0.0%	16	16	0	0.0%
May	190	191	-1	-0.5%	8	8	0	0.0%
June	68,979	67,045	1,934	2.9%	3,941	4,278	-337	-7.9%
July	660,623	693,708	-33,085	-4.8%	140,242	126,193	14,049	11.1%
August	270,809	261,417	9,392	3.6%	43,191	43,263	-72	-0.2%
September	75,771	70,676	5,095	7.2%	17,918	15,658	2,260	14.4%
Annual Average	1,235,838	1,254,512	-18,674	-1.5%	457,539	422,385	35,154	8.3%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	15,535	15,285	250	1.6%	996	975	21	2.2%
November	62,697	52,002	10,695	20.6%	178,891	173,029	5,862	3.4%
December	73,485	76,516	-3,031	-4.0%	82,549	78,000	4,549	5.8%
January	24,844	24,842	2	0.0%	40,273	40,865	-592	-1.4%
February	5,672	5,659	13	0.2%	6,747	7,112	-365	-5.1%
March	4,436	4,437	-1	0.0%	1,334	1,352	-18	-1.3%
April	257	258	-1	-0.4%	186	187	-1	-0.5%
May	160	160	0	0.0%	308	307	1	0.3%
June	1,857	1,882	-25	-1.3%	877	933	-56	-6.0%
July	90,227	90,956	-729	-0.8%	6,126	5,755	371	6.4%
August	31,069	30,940	129	0.4%	5,463	5,449	14	0.3%
September	11,123	11,043	80	0.7%	2,256	2,126	130	6.1%
Annual Average	321,363	313,982	7,381	2.4%	326,007	316,091	9,916	3.1%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	40,317	36,509	3,808	10.4%	45,050	46,254	-1,204	-2.6%
November	67,014	48,582	18,432	37.9%	130,747	126,814	3,933	3.1%
December	46,176	45,065	1,111	2.5%	59,380	55,214	4,166	7.5%
January	11,132	10,874	258	2.4%	10,354	9,951	403	4.0%
February	2,119	2,078	41	2.0%	1,611	1,575	36	2.3%
March	424	444	-20	-4.5%	259	270	-11	-4.1%
April	196	199	-3	-1.5%	132	132	0	0.0%
May	76	80	-4	-5.0%	7	7	0	0.0%
June	5,259	4,937	322	6.5%	270	270	0	0.0%
July	224,572	225,561	-989	-0.4%	12,339	12,030	309	2.6%
August	125,854	127,887	-2,033	-1.6%	12,037	11,438	599	5.2%
September	34,365	30,931	3,434	11.1%	1,642	1,563	79	5.1%
Annual Average	557,505	533,147	24,358	4.6%	273,829	265,517	8,312	3.1%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	10,144	9,374	770	8.2%	3,367	3,442	-75	-2.2%
November	2,280	1,723	557	32.3%	11,339	10,730	609	5.7%
December	12,104	12,428	-324	-2.6%	14,582	14,616	-34	-0.2%
January	29,534	26,817	2,717	10.1%	14,778	13,916	862	6.2%
February	7,238	6,294	944	15.0%	3,787	4,138	-351	-8.5%
March	314	282	32	11.3%	101	101	0	0.0%
April	100	91	9	9.9%	13	13	0	0.0%
May	619	528	91	17.2%	0	0	0	N/A
June	72	70	2	2.9%	4	4	0	0.0%
July	24,628	26,114	-1,486	-5.7%	2,699	2,585	114	4.4%
August	54,385	30,407	23,978	78.9%	3,236	3,361	-125	-3.7%
September	76,812	55,428	21,384	38.6%	269	284	-15	-5.3%
Annual Average	218,230	169,555	48,675	28.7%	54,175	53,189	986	1.9%

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All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	39,911	34,200	5,711	16.7%	87,902	80,194	7,708	9.6%
November	96,796	78,580	18,216	23.2%	147,501	138,866	8,635	6.2%
December	51,499	51,486	13	0.0%	63,835	63,371	464	0.7%
January	32,751	32,737	14	0.0%	27,775	26,958	817	3.0%
February	6,137	6,402	-265	-4.1%	4,652	4,400	252	5.7%
March	957	972	-15	-1.5%	276	278	-2	-0.7%
April	254	255	-1	-0.4%	71	71	0	0.0%
May	10,507	10,524	-17	-0.2%	2,013	2,013	0	0.0%
June	20,052	19,772	280	1.4%	3,718	3,773	-55	-1.5%
July	288,811	292,404	-3,593	-1.2%	73,017	70,602	2,415	3.4%
August	172,633	167,733	4,900	2.9%	40,570	40,799	-229	-0.6%
September	48,315	43,405	4,910	11.3%	12,170	10,887	1,283	11.8%
Annual Average	768,623	738,471	30,152	4.1%	463,499	442,211	21,288	4.8%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	54,220	46,095	8,125	17.6%	148,199	133,594	14,605	10.9%
November	139,958	116,641	23,317	20.0%	168,984	160,646	8,338	5.2%
December	46,137	46,752	-615	-1.3%	67,431	66,655	776	1.2%
January	50,421	50,779	-358	-0.7%	37,817	37,146	671	1.8%
February	8,865	9,301	-436	-4.7%	6,709	6,463	246	3.8%
March	993	1,012	-19	-1.9%	188	188	0	0.0%
April	350	351	-1	-0.3%	46	46	0	0.0%
May	21,168	21,214	-46	-0.2%	4,048	4,048	0	0.0%
June	18,500	18,477	23	0.1%	6,215	6,238	-23	-0.4%
July	267,198	268,049	-851	-0.3%	101,701	101,300	401	0.4%
August	197,514	198,021	-507	-0.3%	62,873	63,866	-993	-1.6%
September	49,813	45,567	4,246	9.3%	18,574	16,698	1,876	11.2%
Annual Average	855,139	822,258	32,881	4.0%	622,787	596,887	25,900	4.3%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	6,826	6,186	640	10.3%	17,839	16,147	1,692	10.5%
November	45,263	38,506	6,757	17.5%	136,611	125,277	11,334	9.0%
December	86,088	86,856	-768	-0.9%	68,898	69,342	-444	-0.6%
January	16,328	17,450	-1,122	-6.4%	25,823	24,498	1,325	5.4%
February	4,136	4,460	-324	-7.3%	2,780	2,308	472	20.5%
March	757	770	-13	-1.7%	271	275	-4	-1.5%
April	70	70	0	0.0%	16	16	0	0.0%
May	190	191	-1	-0.5%	8	8	0	0.0%
June	68,979	67,005	1,974	2.9%	3,941	4,215	-274	-6.5%
July	660,623	686,950	-26,327	-3.8%	140,242	124,941	15,301	12.2%
August	270,809	270,681	128	0.0%	43,191	44,343	-1,152	-2.6%
September	75,771	71,327	4,444	6.2%	17,918	15,545	2,373	15.3%
Annual Average	1,235,838	1,250,452	-14,614	-1.2%	457,539	426,915	30,624	7.2%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	15,535	14,149	1,386	9.8%	996	974	22	2.3%
November	62,697	48,471	14,226	29.3%	178,891	166,997	11,894	7.1%
December	73,485	75,758	-2,273	-3.0%	82,549	82,023	526	0.6%
January	24,844	25,870	-1,026	-4.0%	40,273	38,571	1,702	4.4%
February	5,672	6,060	-388	-6.4%	6,747	6,219	528	8.5%
March	4,436	4,471	-35	-0.8%	1,334	1,312	22	1.7%
April	257	258	-1	-0.4%	186	187	-1	-0.5%
May	160	160	0	0.0%	308	308	0	0.0%
June	1,857	1,694	163	9.6%	877	979	-102	-10.4%
July	90,227	90,792	-565	-0.6%	6,126	6,022	104	1.7%
August	31,069	31,293	-224	-0.7%	5,463	5,538	-75	-1.4%
September	11,123	10,218	905	8.9%	2,256	2,212	44	2.0%
Annual Average	321,363	309,193	12,170	3.9%	326,007	311,342	14,665	4.7%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	40,317	34,884	5,433	15.6%	45,050	43,995	1,055	2.4%
November	67,014	48,592	18,422	37.9%	130,747	122,187	8,560	7.0%
December	46,176	44,221	1,955	4.4%	59,380	58,861	519	0.9%
January	11,132	10,564	568	5.4%	10,354	9,934	420	4.2%
February	2,119	2,168	-49	-2.3%	1,611	1,550	61	3.9%
March	424	431	-7	-1.6%	259	270	-11	-4.1%
April	196	201	-5	-2.5%	132	130	2	1.5%
May	76	78	-2	-2.6%	7	7	0	0.0%
June	5,259	5,290	-31	-0.6%	270	273	-3	-1.1%
July	224,572	223,077	1,495	0.7%	12,339	11,922	417	3.5%
August	125,854	111,913	13,941	12.5%	12,037	10,544	1,493	14.2%
September	34,365	28,937	5,428	18.8%	1,642	1,521	121	8.0%
Annual Average	557,505	510,356	47,149	9.2%	273,829	261,195	12,634	4.8%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	10,144	8,673	1,471	17.0%	3,367	3,447	-80	-2.3%
November	2,280	1,539	741	48.1%	11,339	10,929	410	3.8%
December	12,104	11,952	152	1.3%	14,582	15,176	-594	-3.9%
January	29,534	24,189	5,345	22.1%	14,778	12,563	2,215	17.6%
February	7,238	6,620	618	9.3%	3,787	3,298	489	14.8%
March	314	313	1	0.3%	101	106	-5	-4.7%
April	100	91	9	9.9%	13	13	0	0.0%
May	619	494	125	25.3%	0	0	0	N/A
June	72	78	-6	-7.7%	4	4	0	0.0%
July	24,628	23,784	844	3.5%	2,699	2,448	251	10.3%
August	54,385	24,876	29,509	118.6%	3,236	2,952	284	9.6%
September	76,812	61,746	15,066	24.4%	269	279	-10	-3.6%
Annual Average	218,230	164,356	53,874	32.8%	54,175	51,215	2,960	5.8%

Delta Smelt

Delta smelt

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	3	3	0	0.0%	0	0	0	N/A
November	6	6	0	0.0%	35	36	-1	-2.8%
December	184	188	-4	-2.1%	121	115	6	5.2%
January	1,948	1,938	10	0.5%	818	814	4	0.5%
February	2,232	2,220	12	0.5%	1,365	1,431	-66	-4.6%
March	519	519	0	0.0%	598	602	-4	-0.7%
April	51	50	1	2.0%	194	195	-1	-0.5%
May	233,286	214,442	18,844	8.8%	97,527	97,896	-369	-0.4%
June	36,637	35,015	1,622	4.6%	5,401	5,366	35	0.7%
July	3,191	3,166	25	0.8%	103	103	0	0.0%
August	6	6	0	0.0%	2	2	0	0.0%
September	3	3	0	0.0%	0	0	0	N/A
Annual Average	278,066	257,555	20,511	8.0%	106,163	106,559	-396	-0.4%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	1	1	0	0.0%
December	49	47	2	4.3%	6	6	0	0.0%
January	3,090	3,076	14	0.5%	1,081	1,060	21	2.0%
February	3,298	3,308	-10	-0.3%	1,691	1,749	-58	-3.3%
March	286	277	9	3.2%	482	501	-19	-3.8%
April	38	37	1	2.7%	136	137	-1	-0.7%
May	452,123	413,405	38,718	9.4%	189,552	190,266	-714	-0.4%
June	61,134	58,119	3,015	5.2%	7,752	7,661	91	1.2%
July	6,091	6,037	54	0.9%	140	140	0	0.0%
August	10	10	0	0.0%	3	3	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	526,121	484,316	41,805	8.6%	200,845	201,522	-677	-0.3%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	19	19	0	0.0%
December	478	499	-21	-4.2%	232	227	5	2.2%
January	863	800	63	7.9%	741	767	-26	-3.4%
February	2,952	2,897	55	1.9%	1,480	1,710	-230	-13.5%
March	1,210	1,206	4	0.3%	1,104	1,061	43	4.1%
April	77	77	0	0.0%	610	613	-3	-0.5%
May	17,507	17,526	-19	-0.1%	10,003	10,012	-9	-0.1%
June	27,569	27,586	-17	-0.1%	8,435	8,560	-125	-1.5%
July	1,332	1,345	-13	-1.0%	230	232	-2	-0.9%
August	6	6	0	0.0%	0	0	0	N/A
September	20	20	0	0.0%	0	0	0	N/A
Annual Average	52,015	51,962	53	0.1%	22,853	23,202	-349	-1.5%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	5	5	0	0.0%	85	81	4	4.9%
January	1,103	1,059	44	4.2%	549	582	-33	-5.7%
February	293	273	20	7.3%	212	242	-30	-12.4%
March	556	552	4	0.7%	381	393	-12	-3.1%
April	0	0	0	N/A	85	85	0	0.0%
May	1,708	1,709	-1	-0.1%	2,063	2,055	8	0.4%
June	4,833	5,369	-536	-10.0%	248	236	12	5.1%
July	14	14	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	8,512	8,981	-469	-5.2%	3,624	3,674	-50	-1.4%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	9	10	-1	-10.0%	0	0	0	N/A
November	22	22	0	0.0%	117	121	-4	-3.3%
December	346	353	-7	-2.0%	299	281	18	6.4%
January	918	944	-26	-2.8%	571	572	-1	-0.2%
February	697	667	30	4.5%	1,168	1,187	-19	-1.6%
March	673	693	-20	-2.9%	695	694	1	0.1%
April	78	77	1	1.3%	143	144	-1	-0.7%
May	29,959	30,762	-803	-2.6%	9,941	10,003	-62	-0.6%
June	9,221	8,605	616	7.2%	1,536	1,515	21	1.4%
July	32	32	0	0.0%	11	11	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	41,954	42,166	-212	-0.5%	14,482	14,529	-47	-0.3%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	1	1	0	0.0%	2	3	-1	-33.3%
February	4	4	0	0.0%	9	12	-3	-25.0%
March	2	2	0	0.0%	4	4	0	0.0%
April	0	0	0	N/A	0	0	0	N/A
May	33	36	-3	-8.3%	43	44	-1	-2.3%
June	60	54	6	11.1%	21	22	-1	-4.5%
July	3	3	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	104	99	5	5.1%	81	85	-4	-4.7%

Delta smelt

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	3	3	0	0.0%	0	0	0	N/A
November	8	6	2	33.3%	38	36	2	5.6%
December	189	188	1	0.5%	119	115	4	3.5%
January	1,956	1,938	18	0.9%	835	814	21	2.6%
February	2,151	2,220	-69	-3.1%	1,416	1,431	-15	-1.0%
March	516	519	-3	-0.6%	590	602	-12	-2.0%
April	51	50	1	2.0%	194	195	-1	-0.5%
May	232,807	214,442	18,365	8.6%	97,458	97,896	-438	-0.4%
June	36,864	35,015	1,849	5.3%	5,326	5,366	-40	-0.7%
July	3,176	3,166	10	0.3%	106	103	3	2.9%
August	6	6	0	0.0%	2	2	0	0.0%
September	3	3	0	0.0%	0	0	0	N/A
Annual Average	277,728	257,555	20,173	7.8%	106,083	106,559	-476	-0.4%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	1	1	0	0.0%
December	48	47	1	2.1%	6	6	0	0.0%
January	3,097	3,076	21	0.7%	1,089	1,060	29	2.7%
February	3,150	3,308	-158	-4.8%	1,740	1,749	-9	-0.5%
March	286	277	9	3.2%	482	501	-19	-3.8%
April	38	37	1	2.7%	136	137	-1	-0.7%
May	451,507	413,405	38,102	9.2%	189,564	190,266	-702	-0.4%
June	61,124	58,119	3,005	5.2%	7,743	7,661	82	1.1%
July	6,072	6,037	35	0.6%	139	140	-1	-0.7%
August	10	10	0	0.0%	3	3	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	525,334	484,316	41,018	8.5%	200,903	201,522	-619	-0.3%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	20	19	1	5.3%
December	489	499	-10	-2.0%	229	227	2	0.9%
January	795	800	-5	-0.6%	781	767	14	1.8%
February	2,937	2,897	40	1.4%	1,609	1,710	-101	-5.9%
March	1,209	1,206	3	0.2%	1,108	1,061	47	4.4%
April	77	77	0	0.0%	609	613	-4	-0.7%
May	17,468	17,526	-58	-0.3%	9,982	10,012	-30	-0.3%
June	29,046	27,586	1,460	5.3%	8,000	8,560	-560	-6.5%
July	1,294	1,345	-51	-3.8%	256	232	24	10.3%
August	6	6	0	0.0%	0	0	0	N/A
September	22	20	2	10.0%	0	0	0	N/A
Annual Average	53,343	51,962	1,381	2.7%	22,594	23,202	-608	-2.6%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	5	5	0	0.0%	86	81	5	6.2%
January	1,047	1,059	-12	-1.1%	580	582	-2	-0.3%
February	276	273	3	1.1%	246	242	4	1.7%
March	555	552	3	0.5%	391	393	-2	-0.5%
April	0	0	0	N/A	85	85	0	0.0%
May	1,707	1,709	-2	-0.1%	2,062	2,055	7	0.3%
June	5,431	5,369	62	1.2%	229	236	-7	-3.0%
July	14	14	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	9,034	8,981	53	0.6%	3,678	3,674	4	0.1%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	10	10	0	0.0%	0	0	0	N/A
November	29	22	7	31.8%	128	121	7	5.8%
December	361	353	8	2.3%	296	281	15	5.3%
January	979	944	35	3.7%	590	572	18	3.1%
February	674	667	7	1.0%	1,194	1,187	7	0.6%
March	663	693	-30	-4.3%	661	694	-33	-4.8%
April	77	77	0	0.0%	145	144	1	0.7%
May	29,331	30,762	-1,431	-4.7%	9,679	10,003	-324	-3.2%
June	9,215	8,605	610	7.1%	1,499	1,515	-16	-1.1%
July	32	32	0	0.0%	11	11	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	41,372	42,166	-794	-1.9%	14,204	14,529	-325	-2.2%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	1	1	0	0.0%	3	3	0	0.0%
February	4	4	0	0.0%	10	12	-2	-16.7%
March	2	2	0	0.0%	4	4	0	0.0%
April	0	0	0	N/A	0	0	0	N/A
May	41	36	5	13.9%	42	44	-2	-4.5%
June	56	54	2	3.7%	22	22	0	0.0%
July	3	3	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	107	99	8	8.1%	82	85	-3	-3.5%

Delta smelt

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	3	3	0	0.0%	0	0	0	N/A
November	8	6	2	33.3%	38	35	3	8.6%
December	189	184	5	2.7%	119	121	-2	-1.7%
January	1,956	1,948	8	0.4%	835	818	17	2.1%
February	2,151	2,232	-81	-3.6%	1,416	1,365	51	3.7%
March	516	519	-3	-0.6%	590	598	-8	-1.3%
April	51	51	0	0.0%	194	194	0	0.0%
May	232,807	233,286	-479	-0.2%	97,458	97,527	-69	-0.1%
June	36,864	36,637	227	0.6%	5,326	5,401	-75	-1.4%
July	3,176	3,191	-15	-0.5%	106	103	3	2.9%
August	6	6	0	0.0%	2	2	0	0.0%
September	3	3	0	0.0%	0	0	0	N/A
Annual Average	277,728	278,066	-338	-0.1%	106,083	106,163	-80	-0.1%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	1	1	0	0.0%
December	48	49	-1	-2.0%	6	6	0	0.0%
January	3,097	3,090	7	0.2%	1,089	1,081	8	0.7%
February	3,150	3,298	-148	-4.5%	1,740	1,691	49	2.9%
March	286	286	0	0.0%	482	482	0	0.0%
April	38	38	0	0.0%	136	136	0	0.0%
May	451,507	452,123	-616	-0.1%	189,564	189,552	12	0.0%
June	61,124	61,134	-10	0.0%	7,743	7,752	-9	-0.1%
July	6,072	6,091	-19	-0.3%	139	140	-1	-0.7%
August	10	10	0	0.0%	3	3	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	525,334	526,121	-787	-0.1%	200,903	200,845	58	0.0%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	20	19	1	5.3%
December	489	478	11	2.3%	229	232	-3	-1.3%
January	795	863	-68	-7.9%	781	741	40	5.4%
February	2,937	2,952	-15	-0.5%	1,609	1,480	129	8.7%
March	1,209	1,210	-1	-0.1%	1,108	1,104	4	0.4%
April	77	77	0	0.0%	609	610	-1	-0.2%
May	17,468	17,507	-39	-0.2%	9,982	10,003	-21	-0.2%
June	29,046	27,569	1,477	5.4%	8,000	8,435	-435	-5.2%
July	1,294	1,332	-38	-2.9%	256	230	26	11.3%
August	6	6	0	0.0%	0	0	0	N/A
September	22	20	2	10.0%	0	0	0	N/A
Annual Average	53,343	52,015	1,328	2.6%	22,594	22,853	-259	-1.1%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	5	5	0	0.0%	86	85	1	1.2%
January	1,047	1,103	-56	-5.1%	580	549	31	5.6%
February	276	293	-17	-5.8%	246	212	34	16.0%
March	555	556	-1	-0.2%	391	381	10	2.6%
April	0	0	0	N/A	85	85	0	0.0%
May	1,707	1,708	-1	-0.1%	2,062	2,063	-1	0.0%
June	5,431	4,833	598	12.4%	229	248	-19	-7.7%
July	14	14	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	9,034	8,512	522	6.1%	3,678	3,624	54	1.5%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	10	9	1	11.1%	0	0	0	N/A
November	29	22	7	31.8%	128	117	11	9.4%
December	361	346	15	4.3%	296	299	-3	-1.0%
January	979	918	61	6.6%	590	571	19	3.3%
February	674	697	-23	-3.3%	1,194	1,168	26	2.2%
March	663	673	-10	-1.5%	661	695	-34	-4.9%
April	77	78	-1	-1.3%	145	143	2	1.4%
May	29,331	29,959	-628	-2.1%	9,679	9,941	-262	-2.6%
June	9,215	9,221	-6	-0.1%	1,499	1,536	-37	-2.4%
July	32	32	0	0.0%	11	11	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	41,372	41,954	-582	-1.4%	14,204	14,482	-278	-1.9%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	1	1	0	0.0%	3	2	1	50.0%
February	4	4	0	0.0%	10	9	1	11.1%
March	2	2	0	0.0%	4	4	0	0.0%
April	0	0	0	N/A	0	0	0	N/A
May	41	33	8	24.2%	42	43	-1	-2.3%
June	56	60	-4	-6.7%	22	21	1	4.8%
July	3	3	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	107	104	3	2.9%	82	81	1	1.2%

Delta smelt

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	3	3	0	0.0%	0	0	0	N/A
November	8	6	2	33.3%	37	36	1	2.8%
December	187	188	-1	-0.5%	121	115	6	5.2%
January	1,960	1,938	22	1.1%	837	814	23	2.8%
February	2,170	2,220	-50	-2.3%	1,417	1,431	-14	-1.0%
March	519	519	0	0.0%	591	602	-11	-1.8%
April	50	50	0	0.0%	194	195	-1	-0.5%
May	232,511	214,442	18,069	8.4%	97,432	97,896	-464	-0.5%
June	36,603	35,015	1,588	4.5%	5,298	5,366	-68	-1.3%
July	3,178	3,166	12	0.4%	107	103	4	3.9%
August	6	6	0	0.0%	2	2	0	0.0%
September	3	3	0	0.0%	0	0	0	N/A
Annual Average	277,197	257,555	19,642	7.6%	106,035	106,559	-524	-0.5%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	1	1	0	0.0%
December	48	47	1	2.1%	6	6	0	0.0%
January	3,088	3,076	12	0.4%	1,090	1,060	30	2.8%
February	3,183	3,308	-125	-3.8%	1,780	1,749	31	1.8%
March	288	277	11	4.0%	484	501	-17	-3.4%
April	38	37	1	2.7%	136	137	-1	-0.7%
May	451,161	413,405	37,756	9.1%	189,583	190,266	-683	-0.4%
June	61,085	58,119	2,966	5.1%	7,743	7,661	82	1.1%
July	6,075	6,037	38	0.6%	139	140	-1	-0.7%
August	10	10	0	0.0%	3	3	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	524,977	484,316	40,661	8.4%	200,966	201,522	-556	-0.3%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	21	19	2	10.5%
December	481	499	-18	-3.6%	238	227	11	4.8%
January	839	800	39	4.9%	796	767	29	3.8%
February	2,944	2,897	47	1.6%	1,522	1,710	-188	-11.0%
March	1,210	1,206	4	0.3%	1,065	1,061	4	0.4%
April	77	77	0	0.0%	608	613	-5	-0.8%
May	17,447	17,526	-79	-0.5%	9,971	10,012	-41	-0.4%
June	27,935	27,586	349	1.3%	8,031	8,560	-529	-6.2%
July	1,295	1,345	-50	-3.7%	257	232	25	10.8%
August	7	6	1	16.7%	0	0	0	N/A
September	22	20	2	10.0%	0	0	0	N/A
Annual Average	52,256	51,962	294	0.6%	22,510	23,202	-692	-3.0%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A			0	N/A
December	5	5	0	0.0%	82	81	1	1.2%
January	1,109	1,059	50	4.7%	546	582	-36	-6.2%
February	274	273	1	0.4%	227	242	-15	-6.2%
March	549	552	-3	-0.5%	383	393	-10	-2.5%
April	0	0	0	N/A	85	85	0	0.0%
May	1,706	1,709	-3	-0.2%	2,061	2,055	6	0.3%
June	5,309	5,369	-60	-1.1%	221	236	-15	-6.4%
July	14	14	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	8,965	8,981	-16	-0.2%	3,604	3,674	-70	-1.9%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	10	10	0	0.0%	0	0	0	N/A
November	28	22	6	27.3%	125	121	4	3.3%
December	358	353	5	1.4%	299	281	18	6.4%
January	975	944	31	3.3%	594	572	22	3.8%
February	682	667	15	2.2%	1,176	1,187	-11	-0.9%
March	671	693	-22	-3.2%	685	694	-9	-1.3%
April	77	77	0	0.0%	145	144	1	0.7%
May	28,883	30,762	-1,879	-6.1%	9,553	10,003	-450	-4.5%
June	8,909	8,605	304	3.5%	1,383	1,515	-132	-8.7%
July	32	32	0	0.0%	11	11	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	40,624	42,166	-1,542	-3.7%	13,970	14,529	-559	-3.8%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	1	1	0	0.0%	3	3	0	0.0%
February	4	4	0	0.0%	12	12	0	0.0%
March	2	2	0	0.0%	4	4	0	0.0%
April	0	0	0	N/A	0	0	0	N/A
May	42	36	6	16.7%	42	44	-2	-4.5%
June	53	54	-1	-1.9%	22	22	0	0.0%
July	3	3	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	106	99	7	7.1%	83	85	-2	-2.4%

Delta smelt

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	3	3	0	0.0%	0	0	0	N/A
November	8	6	2	33.3%	37	35	2	5.7%
December	187	184	3	1.6%	121	121	0	0.0%
January	1,960	1,948	12	0.6%	837	818	19	2.3%
February	2,170	2,232	-62	-2.8%	1,417	1,365	52	3.8%
March	519	519	0	0.0%	591	598	-7	-1.2%
April	50	51	-1	-2.0%	194	194	0	0.0%
May	232,511	233,286	-775	-0.3%	97,432	97,527	-95	-0.1%
June	36,603	36,637	-34	-0.1%	5,298	5,401	-103	-1.9%
July	3,178	3,191	-13	-0.4%	107	103	4	3.9%
August	6	6	0	0.0%	2	2	0	0.0%
September	3	3	0	0.0%	0	0	0	N/A
Annual Average	277,197	278,066	-869	-0.3%	106,035	106,163	-128	-0.1%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	1	1	0	0.0%
December	48	49	-1	-2.0%	6	6	0	0.0%
January	3,088	3,090	-2	-0.1%	1,090	1,081	9	0.8%
February	3,183	3,298	-115	-3.5%	1,780	1,691	89	5.3%
March	288	286	2	0.7%	484	482	2	0.4%
April	38	38	0	0.0%	136	136	0	0.0%
May	451,161	452,123	-962	-0.2%	189,583	189,552	31	0.0%
June	61,085	61,134	-49	-0.1%	7,743	7,752	-9	-0.1%
July	6,075	6,091	-16	-0.3%	139	140	-1	-0.7%
August	10	10	0	0.0%	3	3	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	524,977	526,121	-1,144	-0.2%	200,966	200,845	121	0.1%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	21	19	2	10.5%
December	481	478	3	0.6%	238	232	6	2.6%
January	839	863	-24	-2.8%	796	741	55	7.4%
February	2,944	2,952	-8	-0.3%	1,522	1,480	42	2.8%
March	1,210	1,210	0	0.0%	1,065	1,104	-39	-3.5%
April	77	77	0	0.0%	608	610	-2	-0.3%
May	17,447	17,507	-60	-0.3%	9,971	10,003	-32	-0.3%
June	27,935	27,569	366	1.3%	8,031	8,435	-404	-4.8%
July	1,295	1,332	-37	-2.8%	257	230	27	11.7%
August	7	6	1	16.7%	0	0	0	N/A
September	22	20	2	10.0%	0	0	0	N/A
Annual Average	52,256	52,015	241	0.5%	22,510	22,853	-343	-1.5%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	5	5	0	0.0%	82	85	-3	-3.5%
January	1,109	1,103	6	0.5%	546	549	-3	-0.5%
February	274	293	-19	-6.5%	227	212	15	7.1%
March	549	556	-7	-1.3%	383	381	2	0.5%
April	0	0	0	N/A	85	85	0	0.0%
May	1,706	1,708	-2	-0.1%	2,061	2,063	-2	-0.1%
June	5,309	4,833	476	9.8%	221	248	-27	-10.9%
July	14	14	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	8,965	8,512	453	5.3%	3,604	3,624	-20	-0.6%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	10	9	1	11.1%	0	0	0	N/A
November	28	22	6	27.3%	125	117	8	6.8%
December	358	346	12	3.5%	299	299	0	0.0%
January	975	918	57	6.2%	594	571	23	4.0%
February	682	697	-15	-2.2%	1,176	1,168	8	0.7%
March	671	673	-2	-0.3%	685	695	-10	-1.4%
April	77	78	-1	-1.3%	145	143	2	1.4%
May	28,883	29,959	-1,076	-3.6%	9,553	9,941	-388	-3.9%
June	8,909	9,221	-312	-3.4%	1,383	1,536	-153	-10.0%
July	32	32	0	0.0%	11	11	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	40,624	41,954	-1,330	-3.2%	13,970	14,482	-512	-3.5%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	1	1	0	0.0%	3	2	1	50.0%
February	4	4	0	0.0%	12	9	3	33.3%
March	2	2	0	0.0%	4	4	0	0.0%
April	0	0	0	N/A	0	0	0	N/A
May	42	33	9	27.3%	42	43	-1	-2.3%
June	53	60	-7	-11.7%	22	21	1	4.8%
July	3	3	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	106	104	2	1.9%	83	81	2	2.5%

Delta smelt

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	3	3	0	0.0%	0	0	0	N/A
November	8	6	2	33.3%	37	36	1	2.8%
December	187	188	-1	-0.5%	121	115	6	5.2%
January	1,941	1,938	3	0.2%	841	814	27	3.3%
February	2,122	2,220	-98	-4.4%	1,451	1,431	20	1.4%
March	510	519	-9	-1.7%	589	602	-13	-2.2%
April	50	50	0	0.0%	194	195	-1	-0.5%
May	232,630	214,442	18,188	8.5%	97,468	97,896	-428	-0.4%
June	36,795	35,015	1,780	5.1%	5,306	5,366	-60	-1.1%
July	3,174	3,166	8	0.3%	108	103	5	4.9%
August	6	6	0	0.0%	2	2	0	0.0%
September	3	3	0	0.0%	0	0	0	N/A
Annual Average	277,429	257,555	19,874	7.7%	106,117	106,559	-442	-0.4%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	1	1	0	0.0%
December	48	47	1	2.1%	6	6	0	0.0%
January	3,069	3,076	-7	-0.2%	1,101	1,060	41	3.9%
February	3,144	3,308	-164	-5.0%	1,756	1,749	7	0.4%
March	280	277	3	1.1%	483	501	-18	-3.6%
April	38	37	1	2.7%	136	137	-1	-0.7%
May	451,156	413,405	37,751	9.1%	189,580	190,266	-686	-0.4%
June	61,210	58,119	3,091	5.3%	7,724	7,661	63	0.8%
July	6,072	6,037	35	0.6%	140	140	0	0.0%
August	10	10	0	0.0%	3	3	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	525,028	484,316	40,712	8.4%	200,930	201,522	-592	-0.3%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	21	19	2	10.5%
December	474	499	-25	-5.0%	230	227	3	1.3%
January	807	800	7	0.9%	781	767	14	1.8%
February	2,737	2,897	-160	-5.5%	1,783	1,710	73	4.3%
March	1,189	1,206	-17	-1.4%	1,089	1,061	28	2.6%
April	77	77	0	0.0%	608	613	-5	-0.8%
May	17,447	17,526	-79	-0.5%	9,971	10,012	-41	-0.4%
June	28,381	27,586	795	2.9%	7,887	8,560	-673	-7.9%
July	1,281	1,345	-64	-4.8%	258	232	26	11.2%
August	6	6	0	0.0%	0	0	0	N/A
September	22	20	2	10.0%	0	0	0	N/A
Annual Average	52,421	51,962	459	0.9%	22,627	23,202	-575	-2.5%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	5	5	0	0.0%	86	81	5	6.2%
January	1,059	1,059	0	0.0%	573	582	-9	-1.5%
February	274	273	1	0.4%	230	242	-12	-5.0%
March	552	552	0	0.0%	387	393	-6	-1.5%
April	0	0	0	N/A	85	85	0	0.0%
May	1,706	1,709	-3	-0.2%	2,061	2,055	6	0.3%
June	5,298	5,369	-71	-1.3%	222	236	-14	-5.9%
July	14	14	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	8,908	8,981	-73	-0.8%	3,644	3,674	-30	-0.8%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	11	10	1	10.0%	0	0	0	N/A
November	30	22	8	36.4%	125	121	4	3.3%
December	361	353	8	2.3%	302	281	21	7.5%
January	967	944	23	2.4%	596	572	24	4.2%
February	681	667	14	2.1%	1,214	1,187	27	2.3%
March	661	693	-32	-4.6%	666	694	-28	-4.0%
April	76	77	-1	-1.3%	145	144	1	0.7%
May	29,326	30,762	-1,436	-4.7%	9,693	10,003	-310	-3.1%
June	9,167	8,605	562	6.5%	1,518	1,515	3	0.2%
July	32	32	0	0.0%	12	11	1	9.1%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	41,313	42,166	-853	-2.0%	14,270	14,529	-259	-1.8%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	1	1	0	0.0%	3	3	0	0.0%
February	4	4	0	0.0%	11	12	-1	-8.3%
March	2	2	0	0.0%	4	4	0	0.0%
April	0	0	0	N/A	0	0	0	N/A
May	42	36	6	16.7%	42	44	-2	-4.5%
June	56	54	2	3.7%	22	22	0	0.0%
July	3	3	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	108	99	9	9.1%	82	85	-3	-3.5%

Delta smelt

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	3	3	0	0.0%	0	0	0	N/A
November	8	6	2	33.3%	37	35	2	5.7%
December	187	184	3	1.6%	121	121	0	0.0%
January	1,941	1,948	-7	-0.4%	841	818	23	2.8%
February	2,122	2,232	-110	-4.9%	1,451	1,365	86	6.3%
March	510	519	-9	-1.7%	589	598	-9	-1.5%
April	50	51	-1	-2.0%	194	194	0	0.0%
May	232,630	233,286	-656	-0.3%	97,468	97,527	-59	-0.1%
June	36,795	36,637	158	0.4%	5,306	5,401	-95	-1.8%
July	3,174	3,191	-17	-0.5%	108	103	5	4.9%
August	6	6	0	0.0%	2	2	0	0.0%
September	3	3	0	0.0%	0	0	0	N/A
Annual Average	277,429	278,066	-637	-0.2%	106,117	106,163	-46	0.0%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	1	1	0	0.0%
December	48	49	-1	-2.0%	6	6	0	0.0%
January	3,069	3,090	-21	-0.7%	1,101	1,081	20	1.9%
February	3,144	3,298	-154	-4.7%	1,756	1,691	65	3.8%
March	280	286	-6	-2.1%	483	482	1	0.2%
April	38	38	0	0.0%	136	136	0	0.0%
May	451,156	452,123	-967	-0.2%	189,580	189,552	28	0.0%
June	61,210	61,134	76	0.1%	7,724	7,752	-28	-0.4%
July	6,072	6,091	-19	-0.3%	140	140	0	0.0%
August	10	10	0	0.0%	3	3	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	525,028	526,121	-1,093	-0.2%	200,930	200,845	85	0.0%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	21	19	2	10.5%
December	474	478	-4	-0.8%	230	232	-2	-0.9%
January	807	863	-56	-6.5%	781	741	40	5.4%
February	2,737	2,952	-215	-7.3%	1,783	1,480	303	20.5%
March	1,189	1,210	-21	-1.7%	1,089	1,104	-15	-1.4%
April	77	77	0	0.0%	608	610	-2	-0.3%
May	17,447	17,507	-60	-0.3%	9,971	10,003	-32	-0.3%
June	28,381	27,569	812	2.9%	7,887	8,435	-548	-6.5%
July	1,281	1,332	-51	-3.8%	258	230	28	12.2%
August	6	6	0	0.0%	0	0	0	N/A
September	22	20	2	10.0%	0	0	0	N/A
Annual Average	52,421	52,015	406	0.8%	22,627	22,853	-226	-1.0%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	5	5	0	0.0%	86	85	1	1.2%
January	1,059	1,103	-44	-4.0%	573	549	24	4.4%
February	274	293	-19	-6.5%	230	212	18	8.5%
March	552	556	-4	-0.7%	387	381	6	1.6%
April	0	0	0	N/A	85	85	0	0.0%
May	1,706	1,708	-2	-0.1%	2,061	2,063	-2	-0.1%
June	5,298	4,833	465	9.6%	222	248	-26	-10.5%
July	14	14	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	8,908	8,512	396	4.7%	3,644	3,624	20	0.6%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	11	9	2	22.2%	0	0	0	N/A
November	30	22	8	36.4%	125	117	8	6.8%
December	361	346	15	4.3%	302	299	3	1.0%
January	967	918	49	5.3%	596	571	25	4.4%
February	681	697	-16	-2.3%	1,214	1,168	46	3.9%
March	661	673	-12	-1.8%	666	695	-29	-4.2%
April	76	78	-2	-2.6%	145	143	2	1.4%
May	29,326	29,959	-633	-2.1%	9,693	9,941	-248	-2.5%
June	9,167	9,221	-54	-0.6%	1,518	1,536	-18	-1.2%
July	32	32	0	0.0%	12	11	1	9.1%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	41,313	41,954	-641	-1.5%	14,270	14,482	-212	-1.5%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	1	1	0	0.0%	3	2	1	50.0%
February	4	4	0	0.0%	11	9	2	22.2%
March	2	2	0	0.0%	4	4	0	0.0%
April	0	0	0	N/A	0	0	0	N/A
May	42	33	9	27.3%	42	43	-1	-2.3%
June	56	60	-4	-6.7%	22	21	1	4.8%
July	3	3	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	108	104	4	3.8%	82	81	1	1.2%

Green Sturgeon

Green Sturgeon

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	2	2	0	0.0%	8	8	0	0.0%
November	3	3	0	0.0%	7	7	0	0.0%
December	4	4	0	0.0%	6	6	0	0.0%
January	1	1	0	0.0%	1	1	0	0.0%
February	16	16	0	0.0%	0	0	0	N/A
March	2	2	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	1	1	0	0.0%
May	0	0	0	N/A	2	2	0	0.0%
June	2	2	0	0.0%	3	3	0	0.0%
July	1	1	0	0.0%	11	11	0	0.0%
August	15	15	0	0.0%	2	2	0	0.0%
September	7	7	0	0.0%	5	5	0	0.0%
Annual Average	54	53	1	1.9%	46	46	0	0.0%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	4	4	0	0.0%	8	8	0	0.0%
November	5	5	0	0.0%	4	4	0	0.0%
December	0	0	0	N/A	9	9	0	0.0%
January	2	2	0	0.0%	0	0	0	N/A
February	32	32	0	0.0%	0	0	0	N/A
March	3	3	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	1	1	0	0.0%
May	0	0	0	N/A	4	4	0	0.0%
June	4	3	1	33.3%	6	6	0	0.0%
July	1	1	0	0.0%	22	22	0	0.0%
August	31	30	1	3.3%	5	5	0	0.0%
September	15	14	1	7.1%	11	11	0	0.0%
Annual Average	97	95	2	2.1%	70	70	0	0.0%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	3	2	1	50.0%	0	0	0	N/A
February	5	5	0	0.0%	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	4	4	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	12	12	0	0.0%	0	0	0	N/A

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	0	0	0	N/A	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	0	0	0	N/A

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	14	15	-1	-6.7%
November	0	0	0	N/A	17	17	0	0.0%
December	14	15	-1	-6.7%	6	6	0	0.0%
January	0	0	0	N/A	2	2	0	0.0%
February	0	0	0	N/A	0	0	0	N/A
March	3	3	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	17	18	-1	-5.6%	39	40	-1	-2.5%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	3	4	-1	-25.0%
February	0	0	0	N/A	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	3	3	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	7	7	0	0.0%

Green Sturgeon

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	2	2	0	0.0%	8	8	0	0.0%
November	3	3	0	0.0%	7	7	0	0.0%
December	4	4	0	0.0%	6	6	0	0.0%
January	1	1	0	0.0%	1	1	0	0.0%
February	16	16	0	0.0%	0	0	0	N/A
March	2	2	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	1	1	0	0.0%
May	0	0	0	N/A	2	2	0	0.0%
June	2	2	0	0.0%	3	3	0	0.0%
July	1	1	0	0.0%	11	11	0	0.0%
August	15	15	0	0.0%	2	2	0	0.0%
September	8	7	1	14.3%	6	5	1	20.0%
Annual Average	55	53	2	3.8%	47	46	1	2.2%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	4	4	0	0.0%	9	8	1	12.5%
November	6	5	1	20.0%	4	4	0	0.0%
December	0	0	0	N/A	9	9	0	0.0%
January	2	2	0	0.0%	0	0	0	N/A
February	30	32	-2	-6.3%	0	0	0	N/A
March	3	3	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	1	1	0	0.0%
May	0	0	0	N/A	4	4	0	0.0%
June	4	3	1	33.3%	6	6	0	0.0%
July	1	1	0	0.0%	22	22	0	0.0%
August	31	30	1	3.3%	5	5	0	0.0%
September	17	14	3	21.4%	12	11	1	9.1%
Annual Average	98	95	3	3.2%	72	70	2	2.9%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	2	2	0	0.0%	0	0	0	N/A
February	5	5	0	0.0%	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	4	4	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	11	12	-1	-8.3%	0	0	0	N/A

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	0	0	0	N/A	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	0	0	0	N/A

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	15	15	0	0.0%
November	0	0	0	N/A	18	17	1	5.9%
December	15	15	0	0.0%	6	6	0	0.0%
January	0	0	0	N/A	2	2	0	0.0%
February	0	0	0	N/A	0	0	0	N/A
March	3	3	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	18	18	0	0.0%	42	40	2	5.0%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	4	4	0	0.0%
February	0	0	0	N/A	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	3	3	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	7	7	0	0.0%

Green Sturgeon

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	2	2	0	0.0%	8	8	0	0.0%
November	3	3	0	0.0%	7	7	0	0.0%
December	4	4	0	0.0%	6	6	0	0.0%
January	1	1	0	0.0%	1	1	0	0.0%
February	16	16	0	0.0%	0	0	0	N/A
March	2	2	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	1	1	0	0.0%
May	0	0	0	N/A	2	2	0	0.0%
June	2	2	0	0.0%	3	3	0	0.0%
July	1	1	0	0.0%	11	11	0	0.0%
August	15	15	0	0.0%	2	2	0	0.0%
September	8	7	1	14.3%	6	5	1	20.0%
Annual Average	55	54	1	1.9%	47	46	1	2.2%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	4	4	0	0.0%	9	8	1	12.5%
November	6	5	1	20.0%	4	4	0	0.0%
December	0	0	0	N/A	9	9	0	0.0%
January	2	2	0	0.0%	0	0	0	N/A
February	30	32	-2	-6.3%	0	0	0	N/A
March	3	3	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	1	1	0	0.0%
May	0	0	0	N/A	4	4	0	0.0%
June	4	4	0	0.0%	6	6	0	0.0%
July	1	1	0	0.0%	22	22	0	0.0%
August	31	31	0	0.0%	5	5	0	0.0%
September	17	15	2	13.3%	12	11	1	9.1%
Annual Average	98	97	1	1.0%	72	70	2	2.9%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	2	3	-1	-33.3%	0	0	0	N/A
February	5	5	0	0.0%	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	4	4	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	11	12	-1	-8.3%	0	0	0	N/A

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	0	0	0	N/A	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	0	0	0	N/A

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	15	14	1	7.1%
November	0	0	0	N/A	18	17	1	5.9%
December	15	14	1	7.1%	6	6	0	0.0%
January	0	0	0	N/A	2	2	0	0.0%
February	0	0	0	N/A	0	0	0	N/A
March	3	3	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	18	17	1	5.9%	42	39	3	7.7%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	4	3	1	33.3%
February	0	0	0	N/A	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	3	3	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	7	7	0	0.0%

Green Sturgeon

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	2	2	0	0.0%	9	8	1	12.5%
November	3	3	0	0.0%	7	7	0	0.0%
December	4	4	0	0.0%	6	6	0	0.0%
January	1	1	0	0.0%	1	1	0	0.0%
February	16	16	0	0.0%	0	0	0	N/A
March	2	2	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	1	1	0	0.0%
May	0	0	0	N/A	2	2	0	0.0%
June	2	2	0	0.0%	3	3	0	0.0%
July	1	1	0	0.0%	11	11	0	0.0%
August	15	15	0	0.0%	2	2	0	0.0%
September	8	7	1	14.3%	6	5	1	20.0%
Annual Average	55	53	2	3.8%	48	46	2	4.3%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	4	4	0	0.0%	9	8	1	12.5%
November	6	5	1	20.0%	4	4	0	0.0%
December	0	0	0	N/A	9	9	0	0.0%
January	2	2	0	0.0%	0	0	0	N/A
February	31	32	-1	-3.1%	0	0	0	N/A
March	3	3	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	1	1	0	0.0%
May	0	0	0	N/A	4	4	0	0.0%
June	4	3	1	33.3%	6	6	0	0.0%
July	1	1	0	0.0%	22	22	0	0.0%
August	31	30	1	3.3%	5	5	0	0.0%
September	17	14	3	21.4%	12	11	1	9.1%
Annual Average	98	95	3	3.2%	73	70	3	4.3%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	3	2	1	50.0%	0	0	0	N/A
February	5	5	0	0.0%	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	4	4	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	12	12	0	0.0%	0	0	0	N/A

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A			0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	0	0	0	N/A	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	0	0	0	N/A

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	15	15	0	0.0%
November	0	0	0	N/A	18	17	1	5.9%
December	15	15	0	0.0%	6	6	0	0.0%
January	0	0	0	N/A	2	2	0	0.0%
February	0	0	0	N/A	0	0	0	N/A
March	3	3	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	18	18	0	0.0%	42	40	2	5.0%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	4	4	0	0.0%
February	0	0	0	N/A	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	3	3	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	7	7	0	0.0%

Green Sturgeon

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	2	2	0	0.0%	9	8	1	12.5%
November	3	3	0	0.0%	7	7	0	0.0%
December	4	4	0	0.0%	6	6	0	0.0%
January	1	1	0	0.0%	1	1	0	0.0%
February	16	16	0	0.0%	0	0	0	N/A
March	2	2	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	1	1	0	0.0%
May	0	0	0	N/A	2	2	0	0.0%
June	2	2	0	0.0%	3	3	0	0.0%
July	1	1	0	0.0%	11	11	0	0.0%
August	15	15	0	0.0%	2	2	0	0.0%
September	8	7	1	14.3%	6	5	1	20.0%
Annual Average	55	54	1	1.9%	48	46	2	4.3%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	4	4	0	0.0%	9	8	1	12.5%
November	6	5	1	20.0%	4	4	0	0.0%
December	0	0	0	N/A	9	9	0	0.0%
January	2	2	0	0.0%	0	0	0	N/A
February	31	32	-1	-3.1%	0	0	0	N/A
March	3	3	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	1	1	0	0.0%
May	0	0	0	N/A	4	4	0	0.0%
June	4	4	0	0.0%	6	6	0	0.0%
July	1	1	0	0.0%	22	22	0	0.0%
August	31	31	0	0.0%	5	5	0	0.0%
September	17	15	2	13.3%	12	11	1	9.1%
Annual Average	98	97	1	1.0%	73	70	3	4.3%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	3	3	0	0.0%	0	0	0	N/A
February	5	5	0	0.0%	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	4	4	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	12	12	0	0.0%	0	0	0	N/A

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	0	0	0	N/A	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	0	0	0	N/A

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	15	14	1	7.1%
November	0	0	0	N/A	18	17	1	5.9%
December	15	14	1	7.1%	6	6	0	0.0%
January	0	0	0	N/A	2	2	0	0.0%
February	0	0	0	N/A	0	0	0	N/A
March	3	3	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	18	17	1	5.9%	42	39	3	7.7%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	4	3	1	33.3%
February	0	0	0	N/A	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	3	3	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	7	7	0	0.0%

Green Sturgeon

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	2	2	0	0.0%	8	8	0	0.0%
November	3	3	0	0.0%	7	7	0	0.0%
December	4	4	0	0.0%	6	6	0	0.0%
January	1	1	0	0.0%	1	1	0	0.0%
February	16	16	0	0.0%	0	0	0	N/A
March	2	2	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	1	1	0	0.0%
May	0	0	0	N/A	2	2	0	0.0%
June	2	2	0	0.0%	3	3	0	0.0%
July	1	1	0	0.0%	11	11	0	0.0%
August	15	15	0	0.0%	2	2	0	0.0%
September	8	7	1	14.3%	6	5	1	20.0%
Annual Average	55	53	2	3.8%	47	46	1	2.2%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	4	4	0	0.0%	9	8	1	12.5%
November	6	5	1	20.0%	4	4	0	0.0%
December	0	0	0	N/A	9	9	0	0.0%
January	2	2	0	0.0%	0	0	0	N/A
February	30	32	-2	-6.3%	0	0	0	N/A
March	3	3	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	1	1	0	0.0%
May	0	0	0	N/A	4	4	0	0.0%
June	4	3	1	33.3%	6	6	0	0.0%
July	1	1	0	0.0%	22	22	0	0.0%
August	31	30	1	3.3%	5	5	0	0.0%
September	17	14	3	21.4%	12	11	1	9.1%
Annual Average	98	95	3	3.2%	73	70	3	4.3%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	2	2	0	0.0%	0	0	0	N/A
February	5	5	0	0.0%	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	4	4	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	11	12	-1	-8.3%	0	0	0	N/A

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	0	0	0	N/A	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	0	0	0	N/A

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	14	15	-1	-6.7%
November	1	0	1	N/A	18	17	1	5.9%
December	15	15	0	0.0%	7	6	1	16.7%
January	0	0	0	N/A	2	2	0	0.0%
February	0	0	0	N/A	0	0	0	N/A
March	3	3	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	18	18	0	0.0%	41	40	1	2.5%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	4	4	0	0.0%
February	0	0	0	N/A	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	3	3	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	7	7	0	0.0%

Green Sturgeon

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	2	2	0	0.0%	8	8	0	0.0%
November	3	3	0	0.0%	7	7	0	0.0%
December	4	4	0	0.0%	6	6	0	0.0%
January	1	1	0	0.0%	1	1	0	0.0%
February	16	16	0	0.0%	0	0	0	N/A
March	2	2	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	1	1	0	0.0%
May	0	0	0	N/A	2	2	0	0.0%
June	2	2	0	0.0%	3	3	0	0.0%
July	1	1	0	0.0%	11	11	0	0.0%
August	15	15	0	0.0%	2	2	0	0.0%
September	8	7	1	14.3%	6	5	1	20.0%
Annual Average	55	54	1	1.9%	47	46	1	2.2%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	4	4	0	0.0%	9	8	1	12.5%
November	6	5	1	20.0%	4	4	0	0.0%
December	0	0	0	N/A	9	9	0	0.0%
January	2	2	0	0.0%	0	0	0	N/A
February	30	32	-2	-6.3%	0	0	0	N/A
March	3	3	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	1	1	0	0.0%
May	0	0	0	N/A	4	4	0	0.0%
June	4	4	0	0.0%	6	6	0	0.0%
July	1	1	0	0.0%	22	22	0	0.0%
August	31	31	0	0.0%	5	5	0	0.0%
September	17	15	2	13.3%	12	11	1	9.1%
Annual Average	98	97	1	1.0%	73	70	3	4.3%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	2	3	-1	-33.3%	0	0	0	N/A
February	5	5	0	0.0%	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	4	4	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	11	12	-1	-8.3%	0	0	0	N/A

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	0	0	0	N/A	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	0	0	0	N/A

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	14	14	0	0.0%
November	1	0	1	N/A	18	17	1	5.9%
December	15	14	1	7.1%	7	6	1	16.7%
January	0	0	0	N/A	2	2	0	0.0%
February	0	0	0	N/A	0	0	0	N/A
March	3	3	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	18	17	1	5.9%	41	39	2	5.1%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	4	3	1	33.3%
February	0	0	0	N/A	0	0	0	N/A
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	3	3	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	7	7	0	0.0%

Lamprey

Lamprey

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	4	4	0	0.0%
November	1	1	0	0.0%	9	9	0	0.0%
December	105	103	2	1.9%	213	210	3	1.4%
January	344	345	-1	-0.3%	1,750	1,727	23	1.3%
February	147	146	1	0.7%	2,558	2,657	-99	-3.7%
March	47	47	0	0.0%	239	239	0	0.0%
April	13	12	1	8.3%	20	20	0	0.0%
May	90	84	6	7.1%	107	108	-1	-0.9%
June	31	29	2	6.9%	40	39	1	2.6%
July	21	21	0	0.0%	9	9	0	0.0%
August	3	3	0	0.0%	4	4	0	0.0%
September	0	0	0	N/A	2	2	0	0.0%
Annual Average	803	793	10	1.3%	4,955	5,028	-73	-1.5%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	4	4	0	0.0%
November	0	0	0	N/A	0	0	0	N/A
December	197	192	5	2.6%	389	384	5	1.3%
January	525	523	2	0.4%	3,131	3,070	61	2.0%
February	213	214	-1	-0.5%	4,929	5,096	-167	-3.3%
March	14	13	1	7.7%	174	181	-7	-3.9%
April	19	18	1	5.6%	31	31	0	0.0%
May	150	137	13	9.5%	187	187	0	0.0%
June	53	50	3	6.0%	72	71	1	1.4%
July	31	31	0	0.0%	7	7	0	0.0%
August	5	5	0	0.0%	5	5	0	0.0%
September	1	0	1	N/A	2	2	0	0.0%
Annual Average	1,208	1,184	24	2.0%	8,932	9,038	-106	-1.2%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	15	15	0	0.0%
November	3	4	-1	-25.0%	54	52	2	3.8%
December	39	40	-1	-2.5%	118	116	2	1.7%
January	112	103	9	8.7%	635	658	-23	-3.5%
February	187	183	4	2.2%	646	747	-101	-13.5%
March	95	95	0	0.0%	545	524	21	4.0%
April	3	3	0	0.0%	16	16	0	0.0%
May	3	3	0	0.0%	0	0	0	N/A
June	10	10	0	0.0%	11	11	0	0.0%
July	2	2	0	0.0%	25	26	-1	-3.8%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	7	7	0	0.0%
Annual Average	455	445	10	2.2%	2,073	2,171	-98	-4.5%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	3	3	0	0.0%	56	59	-3	-5.1%
February	74	69	5	7.2%	76	87	-11	-12.6%
March	187	185	2	1.1%	54	56	-2	-3.6%
April	12	12	0	0.0%	0	0	0	N/A
May	49	49	0	0.0%	43	42	1	2.4%
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	23	22	1	4.5%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	324	318	6	1.9%	251	266	-15	-5.6%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	3	4	-1	-25.0%	0	0	0	N/A
November	1	1	0	0.0%	6	6	0	0.0%
December	10	10	0	0.0%	20	19	1	5.3%
January	232	239	-7	-2.9%	293	294	-1	-0.3%
February	42	40	2	5.0%	114	116	-2	-1.7%
March	60	62	-2	-3.2%	268	268	0	0.0%
April	9	9	0	0.0%	4	4	0	0.0%
May	45	46	-1	-2.2%	37	37	0	0.0%
June	13	12	1	8.3%	9	9	0	0.0%
July	20	21	-1	-4.8%	3	3	0	0.0%
August	2	2	0	0.0%	5	6	-1	-16.7%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	437	445	-8	-1.8%	760	762	-2	-0.3%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	157	174	-17	-9.8%	838	928	-90	-9.7%
February	33	32	1	3.1%	164	206	-42	-20.4%
March	12	11	1	9.1%	60	57	3	5.3%
April	6	6	0	0.0%	31	32	-1	-3.1%
May	16	17	-1	-5.9%	67	68	-1	-1.5%
June	0	0	0	N/A	10	10	0	0.0%
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	9	9	0	0.0%
Annual Average	224	239	-15	-6.3%	1,178	1,309	-131	-10.0%

Lamprey

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	4	4	0	0.0%
November	1	1	0	0.0%	9	9	0	0.0%
December	104	103	1	1.0%	215	210	5	2.4%
January	349	345	4	1.2%	1,778	1,727	51	3.0%
February	142	146	-4	-2.7%	2,638	2,657	-19	-0.7%
March	46	47	-1	-2.1%	235	239	-4	-1.7%
April	13	12	1	8.3%	20	20	0	0.0%
May	90	84	6	7.1%	107	108	-1	-0.9%
June	31	29	2	6.9%	40	39	1	2.6%
July	21	21	0	0.0%	9	9	0	0.0%
August	3	3	0	0.0%	4	4	0	0.0%
September	0	0	0	N/A	3	2	1	50.0%
Annual Average	802	793	9	1.1%	5,063	5,028	35	0.7%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	4	4	0	0.0%
November	0	0	0	N/A	0	0	0	N/A
December	195	192	3	1.6%	392	384	8	2.1%
January	526	523	3	0.6%	3,155	3,070	85	2.8%
February	204	214	-10	-4.7%	5,072	5,096	-24	-0.5%
March	14	13	1	7.7%	174	181	-7	-3.9%
April	19	18	1	5.6%	31	31	0	0.0%
May	150	137	13	9.5%	187	187	0	0.0%
June	53	50	3	6.0%	72	71	1	1.4%
July	31	31	0	0.0%	7	7	0	0.0%
August	5	5	0	0.0%	5	5	0	0.0%
September	1	0	1	N/A	2	2	0	0.0%
Annual Average	1,197	1,184	13	1.1%	9,102	9,038	64	0.7%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	17	15	2	13.3%
November	4	4	0	0.0%	56	52	4	7.7%
December	39	40	-1	-2.5%	117	116	1	0.9%
January	103	103	0	0.0%	670	658	12	1.8%
February	186	183	3	1.6%	703	747	-44	-5.9%
March	95	95	0	0.0%	547	524	23	4.4%
April	3	3	0	0.0%	16	16	0	0.0%
May	3	3	0	0.0%	0	0	0	N/A
June	11	10	1	10.0%	10	11	-1	-9.1%
July	2	2	0	0.0%	28	26	2	7.7%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	8	7	1	14.3%
Annual Average	446	445	1	0.2%	2,172	2,171	1	0.0%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	3	3	0	0.0%	59	59	0	0.0%
February	70	69	1	1.4%	88	87	1	1.1%
March	186	185	1	0.5%	55	56	-1	-1.8%
April	12	12	0	0.0%	0	0	0	N/A
May	49	49	0	0.0%	43	42	1	2.4%
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	23	22	1	4.5%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	320	318	2	0.6%	268	266	2	0.8%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	4	4	0	0.0%	0	0	0	N/A
November	1	1	0	0.0%	6	6	0	0.0%
December	11	10	1	10.0%	20	19	1	5.3%
January	248	239	9	3.8%	303	294	9	3.1%
February	40	40	0	0.0%	116	116	0	0.0%
March	59	62	-3	-4.8%	255	268	-13	-4.9%
April	9	9	0	0.0%	4	4	0	0.0%
May	44	46	-2	-4.3%	36	37	-1	-2.7%
June	13	12	1	8.3%	9	9	0	0.0%
July	20	21	-1	-4.8%	3	3	0	0.0%
August	2	2	0	0.0%	6	6	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	451	445	6	1.3%	759	762	-3	-0.4%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	185	174	11	6.3%	1,045	928	117	12.6%
February	36	32	4	12.5%	181	206	-25	-12.1%
March	11	11	0	0.0%	57	57	0	0.0%
April	6	6	0	0.0%	32	32	0	0.0%
May	19	17	2	11.8%	65	68	-3	-4.4%
June	0	0	0	N/A	10	10	0	0.0%
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	8	9	-1	-11.1%
Annual Average	257	239	18	7.5%	1,397	1,309	88	6.7%

Lamprey

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	4	4	0	0.0%
November	1	1	0	0.0%	9	9	0	0.0%
December	104	105	-1	-1.0%	215	213	2	0.9%
January	349	344	5	1.5%	1,778	1,750	28	1.6%
February	142	147	-5	-3.4%	2,638	2,558	80	3.1%
March	46	47	-1	-2.1%	235	239	-4	-1.7%
April	13	13	0	0.0%	20	20	0	0.0%
May	90	90	0	0.0%	107	107	0	0.0%
June	31	31	0	0.0%	40	40	0	0.0%
July	21	21	0	0.0%	9	9	0	0.0%
August	3	3	0	0.0%	4	4	0	0.0%
September	0	0	0	N/A	3	2	1	50.0%
Annual Average	802	803	-1	-0.1%	5,063	4,955	108	2.2%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	4	4	0	0.0%
November	0	0	0	N/A	0	0	0	N/A
December	195	197	-2	-1.0%	392	389	3	0.8%
January	526	525	1	0.2%	3,155	3,131	24	0.8%
February	204	213	-9	-4.2%	5,072	4,929	143	2.9%
March	14	14	0	0.0%	174	174	0	0.0%
April	19	19	0	0.0%	31	31	0	0.0%
May	150	150	0	0.0%	187	187	0	0.0%
June	53	53	0	0.0%	72	72	0	0.0%
July	31	31	0	0.0%	7	7	0	0.0%
August	5	5	0	0.0%	5	5	0	0.0%
September	1	1	0	0.0%	2	2	0	0.0%
Annual Average	1,197	1,208	-11	-0.9%	9,102	8,932	170	1.9%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	17	15	2	13.3%
November	4	3	1	33.3%	56	54	2	3.7%
December	39	39	0	0.0%	117	118	-1	-0.8%
January	103	112	-9	-8.0%	670	635	35	5.5%
February	186	187	-1	-0.5%	703	646	57	8.8%
March	95	95	0	0.0%	547	545	2	0.4%
April	3	3	0	0.0%	16	16	0	0.0%
May	3	3	0	0.0%	0	0	0	N/A
June	11	10	1	10.0%	10	11	-1	-9.1%
July	2	2	0	0.0%	28	25	3	12.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	8	7	1	14.3%
Annual Average	446	455	-9	-2.0%	2,172	2,073	99	4.8%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	3	3	0	0.0%	59	56	3	5.4%
February	70	74	-4	-5.4%	88	76	12	15.8%
March	186	187	-1	-0.5%	55	54	1	1.9%
April	12	12	0	0.0%	0	0	0	N/A
May	49	49	0	0.0%	43	43	0	0.0%
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	23	23	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	320	324	-4	-1.2%	268	251	17	6.8%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	4	3	1	33.3%	0	0	0	N/A
November	1	1	0	0.0%	6	6	0	0.0%
December	11	10	1	10.0%	20	20	0	0.0%
January	248	232	16	6.9%	303	293	10	3.4%
February	40	42	-2	-4.8%	116	114	2	1.8%
March	59	60	-1	-1.7%	255	268	-13	-4.9%
April	9	9	0	0.0%	4	4	0	0.0%
May	44	45	-1	-2.2%	36	37	-1	-2.7%
June	13	13	0	0.0%	9	9	0	0.0%
July	20	20	0	0.0%	3	3	0	0.0%
August	2	2	0	0.0%	6	5	1	20.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	451	437	14	3.2%	759	760	-1	-0.1%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	185	157	28	17.8%	1,045	838	207	24.7%
February	36	33	3	9.1%	181	164	17	10.4%
March	11	12	-1	-8.3%	57	60	-3	-5.0%
April	6	6	0	0.0%	32	31	1	3.2%
May	19	16	3	18.8%	65	67	-2	-3.0%
June	0	0	0	N/A	10	10	0	0.0%
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	8	9	-1	-11.1%
Annual Average	257	224	33	14.7%	1,397	1,178	219	18.6%

Lamprey

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	4	4	0	0.0%
November	1	1	0	0.0%	10	9	1	11.1%
December	104	103	1	1.0%	217	210	7	3.3%
January	349	345	4	1.2%	1,778	1,727	51	3.0%
February	143	146	-3	-2.1%	2,691	2,657	34	1.3%
March	46	47	-1	-2.1%	235	239	-4	-1.7%
April	13	12	1	8.3%	20	20	0	0.0%
May	90	84	6	7.1%	107	108	-1	-0.9%
June	31	29	2	6.9%	39	39	0	0.0%
July	21	21	0	0.0%	9	9	0	0.0%
August	3	3	0	0.0%	4	4	0	0.0%
September	0	0	0	N/A	3	2	1	50.0%
Annual Average	803	793	10	1.3%	5,117	5,028	89	1.8%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	4	4	0	0.0%
November	0	0	0	N/A	0	0	0	N/A
December	195	192	3	1.6%	395	384	11	2.9%
January	525	523	2	0.4%	3,158	3,070	88	2.9%
February	206	214	-8	-3.7%	5,189	5,096	93	1.8%
March	14	13	1	7.7%	175	181	-6	-3.3%
April	19	18	1	5.6%	31	31	0	0.0%
May	150	137	13	9.5%	187	187	0	0.0%
June	53	50	3	6.0%	72	71	1	1.4%
July	31	31	0	0.0%	7	7	0	0.0%
August	5	5	0	0.0%	5	5	0	0.0%
September	1	0	1	N/A	2	2	0	0.0%
Annual Average	1,197	1,184	13	1.1%	9,225	9,038	187	2.1%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	16	15	1	6.7%
November	4	4	0	0.0%	58	52	6	11.5%
December	39	40	-1	-2.5%	122	116	6	5.2%
January	108	103	5	4.9%	683	658	25	3.8%
February	186	183	3	1.6%	665	747	-82	-11.0%
March	95	95	0	0.0%	526	524	2	0.4%
April	3	3	0	0.0%	16	16	0	0.0%
May	3	3	0	0.0%	0	0	0	N/A
June	10	10	0	0.0%	10	11	-1	-9.1%
July	2	2	0	0.0%	28	26	2	7.7%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	8	7	1	14.3%
Annual Average	452	445	7	1.6%	2,132	2,171	-39	-1.8%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A			0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	3	3	0	0.0%	55	59	-4	-6.8%
February	69	69	0	0.0%	82	87	-5	-5.7%
March	184	185	-1	-0.5%	54	56	-2	-3.6%
April	12	12	0	0.0%	0	0	0	N/A
May	49	49	0	0.0%	42	42	0	0.0%
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	22	22	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	317	318	-1	-0.3%	256	266	-10	-3.8%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	4	4	0	0.0%	0	0	0	N/A
November	1	1	0	0.0%	6	6	0	0.0%
December	11	10	1	10.0%	20	19	1	5.3%
January	247	239	8	3.3%	305	294	11	3.7%
February	41	40	1	2.5%	115	116	-1	-0.9%
March	60	62	-2	-3.2%	265	268	-3	-1.1%
April	9	9	0	0.0%	4	4	0	0.0%
May	43	46	-3	-6.5%	35	37	-2	-5.4%
June	12	12	0	0.0%	8	9	-1	-11.1%
July	20	21	-1	-4.8%	3	3	0	0.0%
August	2	2	0	0.0%	5	6	-1	-16.7%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	450	445	5	1.1%	767	762	5	0.7%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	192	174	18	10.3%	964	928	36	3.9%
February	34	32	2	6.3%	208	206	2	1.0%
March	12	11	1	9.1%	56	57	-1	-1.8%
April	6	6	0	0.0%	31	32	-1	-3.1%
May	20	17	3	17.6%	65	68	-3	-4.4%
June	0	0	0	N/A	10	10	0	0.0%
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	10	9	1	11.1%
Annual Average	263	239	24	10.0%	1,344	1,309	35	2.7%

Lamprey

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	4	4	0	0.0%
November	1	1	0	0.0%	10	9	1	11.1%
December	104	105	-1	-1.0%	217	213	4	1.9%
January	349	344	5	1.5%	1,778	1,750	28	1.6%
February	143	147	-4	-2.7%	2,691	2,558	133	5.2%
March	46	47	-1	-2.1%	235	239	-4	-1.7%
April	13	13	0	0.0%	20	20	0	0.0%
May	90	90	0	0.0%	107	107	0	0.0%
June	31	31	0	0.0%	39	40	-1	-2.5%
July	21	21	0	0.0%	9	9	0	0.0%
August	3	3	0	0.0%	4	4	0	0.0%
September	0	0	0	N/A	3	2	1	50.0%
Annual Average	803	803	0	0.0%	5,117	4,955	162	3.3%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	4	4	0	0.0%
November	0	0	0	N/A	0	0	0	N/A
December	195	197	-2	-1.0%	395	389	6	1.5%
January	525	525	0	0.0%	3,158	3,131	27	0.9%
February	206	213	-7	-3.3%	5,189	4,929	260	5.3%
March	14	14	0	0.0%	175	174	1	0.6%
April	19	19	0	0.0%	31	31	0	0.0%
May	150	150	0	0.0%	187	187	0	0.0%
June	53	53	0	0.0%	72	72	0	0.0%
July	31	31	0	0.0%	7	7	0	0.0%
August	5	5	0	0.0%	5	5	0	0.0%
September	1	1	0	0.0%	2	2	0	0.0%
Annual Average	1,197	1,208	-11	-0.9%	9,225	8,932	293	3.3%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	16	15	1	6.7%
November	4	3	1	33.3%	58	54	4	7.4%
December	39	39	0	0.0%	122	118	4	3.4%
January	108	112	-4	-3.6%	683	635	48	7.6%
February	186	187	-1	-0.5%	665	646	19	2.9%
March	95	95	0	0.0%	526	545	-19	-3.5%
April	3	3	0	0.0%	16	16	0	0.0%
May	3	3	0	0.0%	0	0	0	N/A
June	10	10	0	0.0%	10	11	-1	-9.1%
July	2	2	0	0.0%	28	25	3	12.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	8	7	1	14.3%
Annual Average	452	455	-3	-0.7%	2,132	2,073	59	2.8%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	3	3	0	0.0%	55	56	-1	-1.8%
February	69	74	-5	-6.8%	82	76	6	7.9%
March	184	187	-3	-1.6%	54	54	0	0.0%
April	12	12	0	0.0%	0	0	0	N/A
May	49	49	0	0.0%	42	43	-1	-2.3%
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	22	23	-1	-4.3%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	317	324	-7	-2.2%	256	251	5	2.0%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	4	3	1	33.3%	0	0	0	N/A
November	1	1	0	0.0%	6	6	0	0.0%
December	11	10	1	10.0%	20	20	0	0.0%
January	247	232	15	6.5%	305	293	12	4.1%
February	41	42	-1	-2.4%	115	114	1	0.9%
March	60	60	0	0.0%	265	268	-3	-1.1%
April	9	9	0	0.0%	4	4	0	0.0%
May	43	45	-2	-4.4%	35	37	-2	-5.4%
June	12	13	-1	-7.7%	8	9	-1	-11.1%
July	20	20	0	0.0%	3	3	0	0.0%
August	2	2	0	0.0%	5	5	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	450	437	13	3.0%	767	760	7	0.9%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	192	157	35	22.3%	964	838	126	15.0%
February	34	33	1	3.0%	208	164	44	26.8%
March	12	12	0	0.0%	56	60	-4	-6.7%
April	6	6	0	0.0%	31	31	0	0.0%
May	20	16	4	25.0%	65	67	-2	-3.0%
June	0	0	0	N/A	10	10	0	0.0%
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	10	9	1	11.1%
Annual Average	263	224	39	17.4%	1,344	1,178	166	14.1%

Lamprey

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	5	4	1	25.0%
November	1	1	0	0.0%	10	9	1	11.1%
December	104	103	1	1.0%	216	210	6	2.9%
January	347	345	2	0.6%	1,793	1,727	66	3.8%
February	140	146	-6	-4.1%	2,671	2,657	14	0.5%
March	46	47	-1	-2.1%	235	239	-4	-1.7%
April	13	12	1	8.3%	20	20	0	0.0%
May	90	84	6	7.1%	107	108	-1	-0.9%
June	31	29	2	6.9%	40	39	1	2.6%
July	21	21	0	0.0%	9	9	0	0.0%
August	3	3	0	0.0%	4	4	0	0.0%
September	0	0	0	N/A	3	2	1	50.0%
Annual Average	797	793	4	0.5%	5,111	5,028	83	1.7%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	4	4	0	0.0%
November	0	0	0	N/A	0	0	0	N/A
December	194	192	2	1.0%	394	384	10	2.6%
January	521	523	-2	-0.4%	3,188	3,070	118	3.8%
February	203	214	-11	-5.1%	5,117	5,096	21	0.4%
March	14	13	1	7.7%	174	181	-7	-3.9%
April	18	18	0	0.0%	31	31	0	0.0%
May	150	137	13	9.5%	187	187	0	0.0%
June	53	50	3	6.0%	71	71	0	0.0%
July	31	31	0	0.0%	7	7	0	0.0%
August	5	5	0	0.0%	5	5	0	0.0%
September	1	0	1	N/A	2	2	0	0.0%
Annual Average	1,191	1,184	7	0.6%	9,181	9,038	143	1.6%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	17	15	2	13.3%
November	4	4	0	0.0%	59	52	7	13.5%
December	38	40	-2	-5.0%	118	116	2	1.7%
January	104	103	1	1.0%	670	658	12	1.8%
February	173	183	-10	-5.5%	778	747	31	4.1%
March	93	95	-2	-2.1%	537	524	13	2.5%
April	3	3	0	0.0%	16	16	0	0.0%
May	3	3	0	0.0%	0	0	0	N/A
June	11	10	1	10.0%	10	11	-1	-9.1%
July	2	2	0	0.0%	28	26	2	7.7%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	8	7	1	14.3%
Annual Average	433	445	-12	-2.7%	2,241	2,171	70	3.2%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	3	3	0	0.0%	58	59	-1	-1.7%
February	69	69	0	0.0%	83	87	-4	-4.6%
March	185	185	0	0.0%	55	56	-1	-1.8%
April	12	12	0	0.0%	0	0	0	N/A
May	49	49	0	0.0%	42	42	0	0.0%
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	23	22	1	4.5%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	318	318	0	0.0%	261	266	-5	-1.9%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	4	4	0	0.0%	0	0	0	N/A
November	1	1	0	0.0%	6	6	0	0.0%
December	11	10	1	10.0%	20	19	1	5.3%
January	245	239	6	2.5%	306	294	12	4.1%
February	41	40	1	2.5%	118	116	2	1.7%
March	59	62	-3	-4.8%	257	268	-11	-4.1%
April	9	9	0	0.0%	4	4	0	0.0%
May	44	46	-2	-4.3%	36	37	-1	-2.7%
June	13	12	1	8.3%	9	9	0	0.0%
July	20	21	-1	-4.8%	3	3	0	0.0%
August	2	2	0	0.0%	6	6	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	448	445	3	0.7%	766	762	4	0.5%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	192	174	18	10.3%	985	928	57	6.1%
February	36	32	4	12.5%	189	206	-17	-8.3%
March	12	11	1	9.1%	57	57	0	0.0%
April	7	6	1	16.7%	32	32	0	0.0%
May	19	17	2	11.8%	65	68	-3	-4.4%
June	0	0	0	N/A	10	10	0	0.0%
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	8	9	-1	-11.1%
Annual Average	266	239	27	11.3%	1,346	1,309	37	2.8%

Lamprey

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	5	4	1	25.0%
November	1	1	0	0.0%	10	9	1	11.1%
December	104	105	-1	-1.0%	216	213	3	1.4%
January	347	344	3	0.9%	1,793	1,750	43	2.5%
February	140	147	-7	-4.8%	2,671	2,558	113	4.4%
March	46	47	-1	-2.1%	235	239	-4	-1.7%
April	13	13	0	0.0%	20	20	0	0.0%
May	90	90	0	0.0%	107	107	0	0.0%
June	31	31	0	0.0%	40	40	0	0.0%
July	21	21	0	0.0%	9	9	0	0.0%
August	3	3	0	0.0%	4	4	0	0.0%
September	0	0	0	N/A	3	2	1	50.0%
Annual Average	797	803	-6	-0.7%	5,111	4,955	156	3.1%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	4	4	0	0.0%
November	0	0	0	N/A	0	0	0	N/A
December	194	197	-3	-1.5%	394	389	5	1.3%
January	521	525	-4	-0.8%	3,188	3,131	57	1.8%
February	203	213	-10	-4.7%	5,117	4,929	188	3.8%
March	14	14	0	0.0%	174	174	0	0.0%
April	18	19	-1	-5.3%	31	31	0	0.0%
May	150	150	0	0.0%	187	187	0	0.0%
June	53	53	0	0.0%	71	72	-1	-1.4%
July	31	31	0	0.0%	7	7	0	0.0%
August	5	5	0	0.0%	5	5	0	0.0%
September	1	1	0	0.0%	2	2	0	0.0%
Annual Average	1,191	1,208	-17	-1.4%	9,181	8,932	249	2.8%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	17	15	2	13.3%
November	4	3	1	33.3%	59	54	5	9.3%
December	38	39	-1	-2.6%	118	118	0	0.0%
January	104	112	-8	-7.1%	670	635	35	5.5%
February	173	187	-14	-7.5%	778	646	132	20.4%
March	93	95	-2	-2.1%	537	545	-8	-1.5%
April	3	3	0	0.0%	16	16	0	0.0%
May	3	3	0	0.0%	0	0	0	N/A
June	11	10	1	10.0%	10	11	-1	-9.1%
July	2	2	0	0.0%	28	25	3	12.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	8	7	1	14.3%
Annual Average	433	455	-22	-4.8%	2,241	2,073	168	8.1%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	3	3	0	0.0%	58	56	2	3.6%
February	69	74	-5	-6.8%	83	76	7	9.2%
March	185	187	-2	-1.1%	55	54	1	1.9%
April	12	12	0	0.0%	0	0	0	N/A
May	49	49	0	0.0%	42	43	-1	-2.3%
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	23	23	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	318	324	-6	-1.9%	261	251	10	4.0%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	4	3	1	33.3%	0	0	0	N/A
November	1	1	0	0.0%	6	6	0	0.0%
December	11	10	1	10.0%	20	20	0	0.0%
January	245	232	13	5.6%	306	293	13	4.4%
February	41	42	-1	-2.4%	118	114	4	3.5%
March	59	60	-1	-1.7%	257	268	-11	-4.1%
April	9	9	0	0.0%	4	4	0	0.0%
May	44	45	-1	-2.2%	36	37	-1	-2.7%
June	13	13	0	0.0%	9	9	0	0.0%
July	20	20	0	0.0%	3	3	0	0.0%
August	2	2	0	0.0%	6	5	1	20.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	448	437	11	2.5%	766	760	6	0.8%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	192	157	35	22.3%	985	838	147	17.5%
February	36	33	3	9.1%	189	164	25	15.2%
March	12	12	0	0.0%	57	60	-3	-5.0%
April	7	6	1	16.7%	32	31	1	3.2%
May	19	16	3	18.8%	65	67	-2	-3.0%
June	0	0	0	N/A	10	10	0	0.0%
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	8	9	-1	-11.1%
Annual Average	266	224	42	18.8%	1,346	1,178	168	14.3%

Largemouth Bass

Largemouth Bass

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>
October	247	259	-12	-4.6%	603	599	4	0.7%
November	49	50	-1	-2.0%	1,241	1,230	11	0.9%
December	124	122	2	1.6%	651	631	20	3.2%
January	19	18	1	5.6%	306	308	-2	-0.6%
February	11	11	0	0.0%	340	360	-20	-5.6%
March	16	16	0	0.0%	276	280	-4	-1.4%
April	7	7	0	0.0%	128	128	0	0.0%
May	38,935	35,688	3,247	9.1%	7,878	7,907	-29	-0.4%
June	14,381	13,631	750	5.5%	21,526	21,310	216	1.0%
July	10,779	10,762	17	0.2%	11,217	11,232	-15	-0.1%
August	837	840	-3	-0.4%	969	981	-12	-1.2%
September	291	288	3	1.0%	527	523	4	0.8%
Annual Average	65,697	61,695	4,002	6.5%	45,660	45,489	171	0.4%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>
October	228	240	-12	-5.0%	609	601	8	1.3%
November	40	40	0	0.0%	951	928	23	2.5%
December	199	194	5	2.6%	543	535	8	1.5%
January	23	23	0	0.0%	373	366	7	1.9%
February	5	5	0	0.0%	515	533	-18	-3.4%
March	15	15	0	0.0%	308	321	-13	-4.0%
April	1	1	0	0.0%	203	203	0	0.0%
May	77,336	70,713	6,623	9.4%	14,536	14,591	-55	-0.4%
June	12,354	11,744	610	5.2%	31,104	30,739	365	1.2%
July	16,923	16,772	151	0.9%	15,499	15,457	42	0.3%
August	1,075	1,050	25	2.4%	1,125	1,107	18	1.6%
September	324	305	19	6.2%	805	794	11	1.4%
Annual Average	108,523	101,102	7,421	7.3%	66,571	66,174	397	0.6%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>
October	126	132	-6	-4.5%	1,495	1,466	29	2.0%
November	72	81	-9	-11.1%	2,698	2,605	93	3.6%
December	126	131	-5	-3.8%	1,128	1,104	24	2.2%
January	15	14	1	7.1%	227	235	-8	-3.4%
February	22	21	1	4.8%	396	457	-61	-13.3%
March	17	17	0	0.0%	443	426	17	4.0%
April	2	2	0	0.0%	61	61	0	0.0%
May	1,629	1,631	-2	-0.1%	1,196	1,197	-1	-0.1%
June	7,796	7,800	-4	-0.1%	14,274	14,485	-211	-1.5%
July	3,811	3,848	-37	-1.0%	4,784	4,832	-48	-1.0%
August	1,111	1,073	38	3.5%	668	652	16	2.5%
September	133	132	1	0.8%	335	337	-2	-0.6%
Annual Average	14,859	14,882	-23	-0.2%	27,704	27,857	-153	-0.5%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	10	11	-1	-9.1%	99	100	-1	-1.0%
November	11	11	0	0.0%	2,888	2,993	-105	-3.5%
December	14	14	0	0.0%	1,802	1,714	88	5.1%
January	3	3	0	0.0%	423	448	-25	-5.6%
February	65	61	4	6.6%	190	218	-28	-12.8%
March	68	67	1	1.5%	502	517	-15	-2.9%
April	87	87	0	0.0%	27	27	0	0.0%
May	1,760	1,762	-2	-0.1%	3,744	3,729	15	0.4%
June	3,596	3,994	-398	-10.0%	9,837	9,375	462	4.9%
July	547	548	-1	-0.2%	3,479	3,325	154	4.6%
August	189	187	2	1.1%	1,025	1,009	16	1.6%
September	78	84	-6	-7.1%	329	316	13	4.1%
Annual Average	6,428	6,830	-402	-5.9%	24,346	23,769	577	2.4%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	424	444	-20	-4.5%	325	342	-17	-5.0%
November	70	70	0	0.0%	774	803	-29	-3.6%
December	26	26	0	0.0%	400	375	25	6.7%
January	16	17	-1	-5.9%	144	144	0	0.0%
February	8	7	1	14.3%	67	69	-2	-2.9%
March	8	8	0	0.0%	120	120	0	0.0%
April	6	6	0	0.0%	62	63	-1	-1.6%
May	1,963	2,015	-52	-2.6%	1,260	1,268	-8	-0.6%
June	25,727	24,008	1,719	7.2%	12,326	12,150	176	1.4%
July	5,646	5,709	-63	-1.1%	9,123	9,205	-82	-0.9%
August	525	600	-75	-12.5%	936	1,015	-79	-7.8%
September	363	388	-25	-6.4%	209	215	-6	-2.8%
Annual Average	34,781	33,299	1,482	4.5%	25,745	25,769	-24	-0.1%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	30	33	-3	-9.1%	107	107	0	0.0%
November	0	0	0	N/A	891	875	16	1.8%
December	21	22	-1	-4.5%	551	531	20	3.8%
January	12	13	-1	-7.7%	646	715	-69	-9.7%
February	6	6	0	0.0%	90	113	-23	-20.4%
March	15	14	1	7.1%	90	85	5	5.9%
April	2	2	0	0.0%	23	23	0	0.0%
May	45	48	-3	-6.3%	339	346	-7	-2.0%
June	610	543	67	12.3%	8,347	8,517	-170	-2.0%
July	7,869	8,640	-771	-8.9%	5,719	6,039	-320	-5.3%
August	57	69	-12	-17.4%	319	363	-44	-12.1%
September	231	208	23	11.1%	227	231	-4	-1.7%
Annual Average	8,899	9,597	-698	-7.3%	17,349	17,945	-596	-3.3%

Largemouth Bass

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	277	259	18	6.9%	658	599	59	9.8%
November	58	50	8	16.0%	1,295	1,230	65	5.3%
December	124	122	2	1.6%	648	631	17	2.7%
January	19	18	1	5.6%	318	308	10	3.2%
February	11	11	0	0.0%	355	360	-5	-1.4%
March	16	16	0	0.0%	275	280	-5	-1.8%
April	7	7	0	0.0%	128	128	0	0.0%
May	38,872	35,688	3,184	8.9%	7,869	7,907	-38	-0.5%
June	14,454	13,631	823	6.0%	21,301	21,310	-9	0.0%
July	10,766	10,762	4	0.0%	11,297	11,232	65	0.6%
August	853	840	13	1.5%	983	981	2	0.2%
September	327	288	39	13.5%	577	523	54	10.3%
Annual Average	65,784	61,695	4,089	6.6%	45,703	45,489	214	0.5%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	265	240	25	10.4%	666	601	65	10.8%
November	43	40	3	7.5%	972	928	44	4.7%
December	197	194	3	1.5%	546	535	11	2.1%
January	23	23	0	0.0%	376	366	10	2.7%
February	5	5	0	0.0%	530	533	-3	-0.6%
March	15	15	0	0.0%	308	321	-13	-4.0%
April	1	1	0	0.0%	203	203	0	0.0%
May	77,231	70,713	6,518	9.2%	14,537	14,591	-54	-0.4%
June	12,352	11,744	608	5.2%	31,070	30,739	331	1.1%
July	16,870	16,772	98	0.6%	15,389	15,457	-68	-0.4%
August	1,073	1,050	23	2.2%	1,107	1,107	0	0.0%
September	354	305	49	16.1%	896	794	102	12.8%
Annual Average	108,429	101,102	7,327	7.2%	66,601	66,174	427	0.6%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	140	132	8	6.1%	1,663	1,466	197	13.4%
November	79	81	-2	-2.5%	2,813	2,605	208	8.0%
December	129	131	-2	-1.5%	1,116	1,104	12	1.1%
January	13	14	-1	-7.1%	239	235	4	1.7%
February	22	21	1	4.8%	430	457	-27	-5.9%
March	17	17	0	0.0%	444	426	18	4.2%
April	2	2	0	0.0%	61	61	0	0.0%
May	1,625	1,631	-6	-0.4%	1,193	1,197	-4	-0.3%
June	8,213	7,800	413	5.3%	13,536	14,485	-949	-6.6%
July	3,703	3,848	-145	-3.8%	5,326	4,832	494	10.2%
August	1,110	1,073	37	3.4%	644	652	-8	-1.2%
September	142	132	10	7.6%	373	337	36	10.7%
Annual Average	15,194	14,882	312	2.1%	27,839	27,857	-18	-0.1%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	11	11	0	0.0%	104	100	4	4.0%
November	14	11	3	27.3%	2,954	2,993	-39	-1.3%
December	14	14	0	0.0%	1,814	1,714	100	5.8%
January	3	3	0	0.0%	447	448	-1	-0.2%
February	61	61	0	0.0%	221	218	3	1.4%
March	68	67	1	1.5%	515	517	-2	-0.4%
April	87	87	0	0.0%	27	27	0	0.0%
May	1,759	1,762	-3	-0.2%	3,741	3,729	12	0.3%
June	4,040	3,994	46	1.2%	9,101	9,375	-274	-2.9%
July	543	548	-5	-0.9%	3,526	3,325	201	6.0%
August	189	187	2	1.1%	1,021	1,009	12	1.2%
September	86	84	2	2.4%	335	316	19	6.0%
Annual Average	6,874	6,830	44	0.6%	23,804	23,769	35	0.1%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	461	444	17	3.8%	340	342	-2	-0.6%
November	92	70	22	31.4%	853	803	50	6.2%
December	27	26	1	3.8%	395	375	20	5.3%
January	17	17	0	0.0%	148	144	4	2.8%
February	7	7	0	0.0%	69	69	0	0.0%
March	8	8	0	0.0%	114	120	-6	-5.0%
April	6	6	0	0.0%	63	63	0	0.0%
May	1,921	2,015	-94	-4.7%	1,227	1,268	-41	-3.2%
June	25,710	24,008	1,702	7.1%	12,028	12,150	-122	-1.0%
July	5,686	5,709	-23	-0.4%	9,319	9,205	114	1.2%
August	579	600	-21	-3.5%	1,022	1,015	7	0.7%
September	417	388	29	7.5%	210	215	-5	-2.3%
Annual Average	34,932	33,299	1,633	4.9%	25,787	25,769	18	0.1%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	34	33	1	3.0%	102	107	-5	-4.7%
November	0	0	0	N/A	962	875	87	9.9%
December	21	22	-1	-4.5%	493	531	-38	-7.2%
January	14	13	1	7.7%	805	715	90	12.6%
February	6	6	0	0.0%	99	113	-14	-12.4%
March	14	14	0	0.0%	85	85	0	0.0%
April	3	2	1	50.0%	23	23	0	0.0%
May	55	48	7	14.6%	328	346	-18	-5.2%
June	565	543	22	4.1%	8,633	8,517	116	1.4%
July	8,243	8,640	-397	-4.6%	5,818	6,039	-221	-3.7%
August	111	69	42	60.9%	375	363	12	3.3%
September	340	208	132	63.5%	218	231	-13	-5.6%
Annual Average	9,405	9,597	-192	-2.0%	17,944	17,945	-1	0.0%

Largemouth Bass

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	277	247	30	12.1%	658	603	55	9.1%
November	58	49	9	18.4%	1,295	1,241	54	4.4%
December	124	124	0	0.0%	648	651	-3	-0.5%
January	19	19	0	0.0%	318	306	12	3.9%
February	11	11	0	0.0%	355	340	15	4.4%
March	16	16	0	0.0%	275	276	-1	-0.4%
April	7	7	0	0.0%	128	128	0	0.0%
May	38,872	38,935	-63	-0.2%	7,869	7,878	-9	-0.1%
June	14,454	14,381	73	0.5%	21,301	21,526	-225	-1.0%
July	10,766	10,779	-13	-0.1%	11,297	11,217	80	0.7%
August	853	837	16	1.9%	983	969	14	1.4%
September	327	291	36	12.4%	577	527	50	9.5%
Annual Average	65,784	65,697	87	0.1%	45,703	45,660	43	0.1%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	265	228	37	16.2%	666	609	57	9.4%
November	43	40	3	7.5%	972	951	21	2.2%
December	197	199	-2	-1.0%	546	543	3	0.6%
January	23	23	0	0.0%	376	373	3	0.8%
February	5	5	0	0.0%	530	515	15	2.9%
March	15	15	0	0.0%	308	308	0	0.0%
April	1	1	0	0.0%	203	203	0	0.0%
May	77,231	77,336	-105	-0.1%	14,537	14,536	1	0.0%
June	12,352	12,354	-2	0.0%	31,070	31,104	-34	-0.1%
July	16,870	16,923	-53	-0.3%	15,389	15,499	-110	-0.7%
August	1,073	1,075	-2	-0.2%	1,107	1,125	-18	-1.6%
September	354	324	30	9.3%	896	805	91	11.3%
Annual Average	108,429	108,523	-94	-0.1%	66,601	66,571	30	0.0%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	140	126	14	11.1%	1,663	1,495	168	11.2%
November	79	72	7	9.7%	2,813	2,698	115	4.3%
December	129	126	3	2.4%	1,116	1,128	-12	-1.1%
January	13	15	-2	-13.3%	239	227	12	5.3%
February	22	22	0	0.0%	430	396	34	8.6%
March	17	17	0	0.0%	444	443	1	0.2%
April	2	2	0	0.0%	61	61	0	0.0%
May	1,625	1,629	-4	-0.2%	1,193	1,196	-3	-0.3%
June	8,213	7,796	417	5.3%	13,536	14,274	-738	-5.2%
July	3,703	3,811	-108	-2.8%	5,326	4,784	542	11.3%
August	1,110	1,111	-1	-0.1%	644	668	-24	-3.6%
September	142	133	9	6.8%	373	335	38	11.3%
Annual Average	15,194	14,859	335	2.3%	27,839	27,704	135	0.5%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	11	10	1	10.0%	104	99	5	5.1%
November	14	11	3	27.3%	2,954	2,888	66	2.3%
December	14	14	0	0.0%	1,814	1,802	12	0.7%
January	3	3	0	0.0%	447	423	24	5.7%
February	61	65	-4	-6.2%	221	190	31	16.3%
March	68	68	0	0.0%	515	502	13	2.6%
April	87	87	0	0.0%	27	27	0	0.0%
May	1,759	1,760	-1	-0.1%	3,741	3,744	-3	-0.1%
June	4,040	3,596	444	12.3%	9,101	9,837	-736	-7.5%
July	543	547	-4	-0.7%	3,526	3,479	47	1.4%
August	189	189	0	0.0%	1,021	1,025	-4	-0.4%
September	86	78	8	10.3%	335	329	6	1.8%
Annual Average	6,874	6,428	446	6.9%	23,804	24,346	-542	-2.2%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	461	424	37	8.7%	340	325	15	4.6%
November	92	70	22	31.4%	853	774	79	10.2%
December	27	26	1	3.8%	395	400	-5	-1.3%
January	17	16	1	6.3%	148	144	4	2.8%
February	7	8	-1	-12.5%	69	67	2	3.0%
March	8	8	0	0.0%	114	120	-6	-5.0%
April	6	6	0	0.0%	63	62	1	1.6%
May	1,921	1,963	-42	-2.1%	1,227	1,260	-33	-2.6%
June	25,710	25,727	-17	-0.1%	12,028	12,326	-298	-2.4%
July	5,686	5,646	40	0.7%	9,319	9,123	196	2.1%
August	579	525	54	10.3%	1,022	936	86	9.2%
September	417	363	54	14.9%	210	209	1	0.5%
Annual Average	34,932	34,781	151	0.4%	25,787	25,745	42	0.2%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	34	30	4	13.3%	102	107	-5	-4.7%
November	0	0	0	N/A	962	891	71	8.0%
December	21	21	0	0.0%	493	551	-58	-10.5%
January	14	12	2	16.7%	805	646	159	24.6%
February	6	6	0	0.0%	99	90	9	10.0%
March	14	15	-1	-6.7%	85	90	-5	-5.6%
April	3	2	1	50.0%	23	23	0	0.0%
May	55	45	10	22.2%	328	339	-11	-3.2%
June	565	610	-45	-7.4%	8,633	8,347	286	3.4%
July	8,243	7,869	374	4.8%	5,818	5,719	99	1.7%
August	111	57	54	94.7%	375	319	56	17.6%
September	340	231	109	47.2%	218	227	-9	-4.0%
Annual Average	9,405	8,899	506	5.7%	17,944	17,349	595	3.4%

Largemouth Bass

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	279	259	20	7.7%	657	599	58	9.7%
November	60	50	10	20.0%	1,319	1,230	89	7.2%
December	123	122	1	0.8%	653	631	22	3.5%
January	19	18	1	5.6%	315	308	7	2.3%
February	11	11	0	0.0%	357	360	-3	-0.8%
March	16	16	0	0.0%	274	280	-6	-2.1%
April	7	7	0	0.0%	128	128	0	0.0%
May	38,834	35,688	3,146	8.8%	7,865	7,907	-42	-0.5%
June	14,168	13,631	537	3.9%	21,042	21,310	-268	-1.3%
July	10,758	10,762	-4	0.0%	11,294	11,232	62	0.6%
August	855	840	15	1.8%	968	981	-13	-1.3%
September	331	288	43	14.9%	582	523	59	11.3%
Annual Average	65,462	61,695	3,767	6.1%	45,454	45,489	-35	-0.1%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	266	240	26	10.8%	678	601	77	12.8%
November	46	40	6	15.0%	986	928	58	6.3%
December	197	194	3	1.5%	550	535	15	2.8%
January	23	23	0	0.0%	376	366	10	2.7%
February	5	5	0	0.0%	542	533	9	1.7%
March	15	15	0	0.0%	310	321	-11	-3.4%
April	1	1	0	0.0%	202	203	-1	-0.5%
May	77,171	70,713	6,458	9.1%	14,538	14,591	-53	-0.4%
June	12,344	11,744	600	5.1%	31,069	30,739	330	1.1%
July	16,878	16,772	106	0.6%	15,433	15,457	-24	-0.2%
August	1,070	1,050	20	1.9%	1,106	1,107	-1	-0.1%
September	354	305	49	16.1%	894	794	100	12.6%
Annual Average	108,369	101,102	7,267	7.2%	66,685	66,174	511	0.8%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	135	132	3	2.3%	1,579	1,466	113	7.7%
November	89	81	8	9.9%	2,910	2,605	305	11.7%
December	127	131	-4	-3.1%	1,158	1,104	54	4.9%
January	14	14	0	0.0%	244	235	9	3.8%
February	22	21	1	4.8%	407	457	-50	-10.9%
March	17	17	0	0.0%	427	426	1	0.2%
April	2	2	0	0.0%	61	61	0	0.0%
May	1,623	1,631	-8	-0.5%	1,192	1,197	-5	-0.4%
June	7,899	7,800	99	1.3%	13,590	14,485	-895	-6.2%
July	3,707	3,848	-141	-3.7%	5,356	4,832	524	10.8%
August	1,123	1,073	50	4.7%	651	652	-1	-0.2%
September	145	132	13	9.8%	386	337	49	14.5%
Annual Average	14,902	14,882	20	0.1%	27,961	27,857	104	0.4%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	11	11	0	0.0%	100	100	0	0.0%
November	14	11	3	27.3%			0	N/A
December	14	14	0	0.0%	1,731	1,714	17	1.0%
January	3	3	0	0.0%	421	448	-27	-6.0%
February	61	61	0	0.0%	204	218	-14	-6.4%
March	67	67	0	0.0%	504	517	-13	-2.5%
April	87	87	0	0.0%	27	27	0	0.0%
May	1,758	1,762	-4	-0.2%	3,740	3,729	11	0.3%
June	3,950	3,994	-44	-1.1%	8,766	9,375	-609	-6.5%
July	545	548	-3	-0.5%	3,363	3,325	38	1.1%
August	186	187	-1	-0.5%	1,002	1,009	-7	-0.7%
September	81	84	-3	-3.6%	334	316	18	5.7%
Annual Average	6,777	6,830	-53	-0.8%	23,382	23,769	-387	-1.6%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	469	444	25	5.6%	358	342	16	4.7%
November	89	70	19	27.1%	826	803	23	2.9%
December	27	26	1	3.8%	399	375	24	6.4%
January	17	17	0	0.0%	149	144	5	3.5%
February	7	7	0	0.0%	68	69	-1	-1.4%
March	8	8	0	0.0%	118	120	-2	-1.7%
April	6	6	0	0.0%	63	63	0	0.0%
May	1,892	2,015	-123	-6.1%	1,211	1,268	-57	-4.5%
June	24,856	24,008	848	3.5%	11,094	12,150	-1,056	-8.7%
July	5,667	5,709	-42	-0.7%	9,235	9,205	30	0.3%
August	585	600	-15	-2.5%	980	1,015	-35	-3.4%
September	433	388	45	11.6%	221	215	6	2.8%
Annual Average	34,057	33,299	758	2.3%	24,722	25,769	-1,047	-4.1%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	32	33	-1	-3.0%	110	107	3	2.8%
November	0	0	0	N/A	931	875	56	6.4%
December	22	22	0	0.0%	521	531	-10	-1.9%
January	15	13	2	15.4%	743	715	28	3.9%
February	6	6	0	0.0%	114	113	1	0.9%
March	15	14	1	7.1%	84	85	-1	-1.2%
April	3	2	1	50.0%	23	23	0	0.0%
May	56	48	8	16.7%	327	346	-19	-5.5%
June	540	543	-3	-0.6%	8,770	8,517	253	3.0%
July	8,079	8,640	-561	-6.5%	5,875	6,039	-164	-2.7%
August	116	69	47	68.1%	316	363	-47	-12.9%
September	334	208	126	60.6%	250	231	19	8.2%
Annual Average	9,216	9,597	-381	-4.0%	18,064	17,945	119	0.7%

Largemouth Bass

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	279	247	32	13.0%	657	603	54	9.0%
November	60	49	11	22.4%	1,319	1,241	78	6.3%
December	123	124	-1	-0.8%	653	651	2	0.3%
January	19	19	0	0.0%	315	306	9	2.9%
February	11	11	0	0.0%	357	340	17	5.0%
March	16	16	0	0.0%	274	276	-2	-0.7%
April	7	7	0	0.0%	128	128	0	0.0%
May	38,834	38,935	-101	-0.3%	7,865	7,878	-13	-0.2%
June	14,168	14,381	-213	-1.5%	21,042	21,526	-484	-2.2%
July	10,758	10,779	-21	-0.2%	11,294	11,217	77	0.7%
August	855	837	18	2.2%	968	969	-1	-0.1%
September	331	291	40	13.7%	582	527	55	10.4%
Annual Average	65,462	65,697	-235	-0.4%	45,454	45,660	-206	-0.5%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	266	228	38	16.7%	678	609	69	11.3%
November	46	40	6	15.0%	986	951	35	3.7%
December	197	199	-2	-1.0%	550	543	7	1.3%
January	23	23	0	0.0%	376	373	3	0.8%
February	5	5	0	0.0%	542	515	27	5.2%
March	15	15	0	0.0%	310	308	2	0.6%
April	1	1	0	0.0%	202	203	-1	-0.5%
May	77,171	77,336	-165	-0.2%	14,538	14,536	2	0.0%
June	12,344	12,354	-10	-0.1%	31,069	31,104	-35	-0.1%
July	16,878	16,923	-45	-0.3%	15,433	15,499	-66	-0.4%
August	1,070	1,075	-5	-0.5%	1,106	1,125	-19	-1.7%
September	354	324	30	9.3%	894	805	89	11.1%
Annual Average	108,369	108,523	-154	-0.1%	66,685	66,571	114	0.2%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	135	126	9	7.1%	1,579	1,495	84	5.6%
November	89	72	17	23.6%	2,910	2,698	212	7.9%
December	127	126	1	0.8%	1,158	1,128	30	2.7%
January	14	15	-1	-6.7%	244	227	17	7.5%
February	22	22	0	0.0%	407	396	11	2.8%
March	17	17	0	0.0%	427	443	-16	-3.6%
April	2	2	0	0.0%	61	61	0	0.0%
May	1,623	1,629	-6	-0.4%	1,192	1,196	-4	-0.3%
June	7,899	7,796	103	1.3%	13,590	14,274	-684	-4.8%
July	3,707	3,811	-104	-2.7%	5,356	4,784	572	12.0%
August	1,123	1,111	12	1.1%	651	668	-17	-2.5%
September	145	133	12	9.0%	386	335	51	15.2%
Annual Average	14,902	14,859	43	0.3%	27,961	27,704	257	0.9%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	11	10	1	10.0%	100	99	1	1.0%
November	14	11	3	27.3%	3,191	2,888	303	10.5%
December	14	14	0	0.0%	1,731	1,802	-71	-3.9%
January	3	3	0	0.0%	421	423	-2	-0.5%
February	61	65	-4	-6.2%	204	190	14	7.4%
March	67	68	-1	-1.5%	504	502	2	0.4%
April	87	87	0	0.0%	27	27	0	0.0%
May	1,758	1,760	-2	-0.1%	3,740	3,744	-4	-0.1%
June	3,950	3,596	354	9.8%	8,766	9,837	-1,071	-10.9%
July	545	547	-2	-0.4%	3,363	3,479	-116	-3.3%
August	186	189	-3	-1.6%	1,002	1,025	-23	-2.2%
September	81	78	3	3.8%	334	329	5	1.5%
Annual Average	6,777	6,428	349	5.4%	23,382	24,346	-964	-4.0%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	469	424	45	10.6%	358	325	33	10.2%
November	89	70	19	27.1%	826	774	52	6.7%
December	27	26	1	3.8%	399	400	-1	-0.3%
January	17	16	1	6.3%	149	144	5	3.5%
February	7	8	-1	-12.5%	68	67	1	1.5%
March	8	8	0	0.0%	118	120	-2	-1.7%
April	6	6	0	0.0%	63	62	1	1.6%
May	1,892	1,963	-71	-3.6%	1,211	1,260	-49	-3.9%
June	24,856	25,727	-871	-3.4%	11,094	12,326	-1,232	-10.0%
July	5,667	5,646	21	0.4%	9,235	9,123	112	1.2%
August	585	525	60	11.4%	980	936	44	4.7%
September	433	363	70	19.3%	221	209	12	5.7%
Annual Average	34,057	34,781	-724	-2.1%	24,722	25,745	-1,023	-4.0%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	32	30	2	6.7%	110	107	3	2.8%
November	0	0	0	N/A	931	891	40	4.5%
December	22	21	1	4.8%	521	551	-30	-5.4%
January	15	12	3	25.0%	743	646	97	15.0%
February	6	6	0	0.0%	114	90	24	26.7%
March	15	15	0	0.0%	84	90	-6	-6.7%
April	3	2	1	50.0%	23	23	0	0.0%
May	56	45	11	24.4%	327	339	-12	-3.5%
June	540	610	-70	-11.5%	8,770	8,347	423	5.1%
July	8,079	7,869	210	2.7%	5,875	5,719	156	2.7%
August	116	57	59	103.5%	316	319	-3	-0.9%
September	334	231	103	44.6%	250	227	23	10.1%
Annual Average	9,216	8,899	317	3.6%	18,064	17,349	715	4.1%

Largemouth Bass

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	287	259	28	10.8%	659	599	60	10.0%
November	62	50	12	24.0%	1,326	1,230	96	7.8%
December	123	122	1	0.8%	653	631	22	3.5%
January	19	18	1	5.6%	318	308	10	3.2%
February	11	11	0	0.0%	363	360	3	0.8%
March	16	16	0	0.0%	274	280	-6	-2.1%
April	7	7	0	0.0%	128	128	0	0.0%
May	38,842	35,688	3,154	8.8%	7,870	7,907	-37	-0.5%
June	14,395	13,631	764	5.6%	21,262	21,310	-48	-0.2%
July	10,756	10,762	-6	-0.1%	11,444	11,232	212	1.9%
August	856	840	16	1.9%	995	981	14	1.4%
September	329	288	41	14.2%	583	523	60	11.5%
Annual Average	65,702	61,695	4,007	6.5%	45,875	45,489	386	0.8%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	268	240	28	11.7%	675	601	74	12.3%
November	48	40	8	20.0%	1,001	928	73	7.9%
December	196	194	2	1.0%	549	535	14	2.6%
January	23	23	0	0.0%	380	366	14	3.8%
February	5	5	0	0.0%	535	533	2	0.4%
March	15	15	0	0.0%	309	321	-12	-3.7%
April	1	1	0	0.0%	202	203	-1	-0.5%
May	77,171	70,713	6,458	9.1%	14,538	14,591	-53	-0.4%
June	12,369	11,744	625	5.3%	30,993	30,739	254	0.8%
July	16,869	16,772	97	0.6%	15,561	15,457	104	0.7%
August	1,073	1,050	23	2.2%	1,108	1,107	1	0.1%
September	354	305	49	16.1%	895	794	101	12.7%
Annual Average	108,391	101,102	7,289	7.2%	66,745	66,174	571	0.9%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	139	132	7	5.3%	1,652	1,466	186	12.7%
November	85	81	4	4.9%	2,943	2,605	338	13.0%
December	125	131	-6	-4.6%	1,121	1,104	17	1.5%
January	14	14	0	0.0%	239	235	4	1.7%
February	20	21	-1	-4.8%	477	457	20	4.4%
March	17	17	0	0.0%	436	426	10	2.3%
April	2	2	0	0.0%	61	61	0	0.0%
May	1,623	1,631	-8	-0.5%	1,192	1,197	-5	-0.4%
June	8,025	7,800	225	2.9%	13,345	14,485	-1,140	-7.9%
July	3,665	3,848	-183	-4.8%	5,369	4,832	537	11.1%
August	1,111	1,073	38	3.5%	650	652	-2	-0.3%
September	141	132	9	6.8%	386	337	49	14.5%
Annual Average	14,968	14,882	86	0.6%	27,872	27,857	15	0.1%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	11	11	0	0.0%	102	100	2	2.0%
November	14	11	3	27.3%	3,094	2,993	101	3.4%
December	14	14	0	0.0%	1,814	1,714	100	5.8%
January	3	3	0	0.0%	442	448	-6	-1.3%
February	61	61	0	0.0%	206	218	-12	-5.5%
March	67	67	0	0.0%	510	517	-7	-1.4%
April	87	87	0	0.0%	27	27	0	0.0%
May	1,758	1,762	-4	-0.2%	3,739	3,729	10	0.3%
June	3,942	3,994	-52	-1.3%	8,812	9,375	-563	-6.0%
July	544	548	-4	-0.7%	3,539	3,325	214	6.4%
August	188	187	1	0.5%	1,011	1,009	2	0.2%
September	85	84	1	1.2%	335	316	19	6.0%
Annual Average	6,773	6,830	-57	-0.8%	23,631	23,769	-138	-0.6%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	490	444	46	10.4%	333	342	-9	-2.6%
November	97	70	27	38.6%	828	803	25	3.1%
December	27	26	1	3.8%	403	375	28	7.5%
January	17	17	0	0.0%	150	144	6	4.2%
February	7	7	0	0.0%	70	69	1	1.4%
March	8	8	0	0.0%	115	120	-5	-4.2%
April	6	6	0	0.0%	63	63	0	0.0%
May	1,921	2,015	-94	-4.7%	1,229	1,268	-39	-3.1%
June	25,577	24,008	1,569	6.5%	12,181	12,150	31	0.3%
July	5,684	5,709	-25	-0.4%	9,442	9,205	237	2.6%
August	590	600	-10	-1.7%	1,068	1,015	53	5.2%
September	431	388	43	11.1%	226	215	11	5.1%
Annual Average	34,856	33,299	1,557	4.7%	26,108	25,769	339	1.3%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	36	33	3	9.1%	105	107	-2	-1.9%
November	0	0	0	N/A	925	875	50	5.7%
December	22	22	0	0.0%	530	531	-1	-0.2%
January	15	13	2	15.4%	760	715	45	6.3%
February	6	6	0	0.0%	104	113	-9	-8.0%
March	15	14	1	7.1%	85	85	0	0.0%
April	3	2	1	50.0%	23	23	0	0.0%
May	56	48	8	16.7%	328	346	-18	-5.2%
June	562	543	19	3.5%	8,608	8,517	91	1.1%
July	8,148	8,640	-492	-5.7%	6,306	6,039	267	4.4%
August	124	69	55	79.7%	350	363	-13	-3.6%
September	288	208	80	38.5%	219	231	-12	-5.2%
Annual Average	9,274	9,597	-323	-3.4%	18,341	17,945	396	2.2%

Largemouth Bass

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	287	247	40	16.2%	659	603	56	9.3%
November	62	49	13	26.5%	1,326	1,241	85	6.8%
December	123	124	-1	-0.8%	653	651	2	0.3%
January	19	19	0	0.0%	318	306	12	3.9%
February	11	11	0	0.0%	363	340	23	6.8%
March	16	16	0	0.0%	274	276	-2	-0.7%
April	7	7	0	0.0%	128	128	0	0.0%
May	38,842	38,935	-93	-0.2%	7,870	7,878	-8	-0.1%
June	14,395	14,381	14	0.1%	21,262	21,526	-264	-1.2%
July	10,756	10,779	-23	-0.2%	11,444	11,217	227	2.0%
August	856	837	19	2.3%	995	969	26	2.7%
September	329	291	38	13.1%	583	527	56	10.6%
Annual Average	65,702	65,697	5	0.0%	45,875	45,660	215	0.5%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	268	228	40	17.5%	675	609	66	10.8%
November	48	40	8	20.0%	1,001	951	50	5.3%
December	196	199	-3	-1.5%	549	543	6	1.1%
January	23	23	0	0.0%	380	373	7	1.9%
February	5	5	0	0.0%	535	515	20	3.9%
March	15	15	0	0.0%	309	308	1	0.3%
April	1	1	0	0.0%	202	203	-1	-0.5%
May	77,171	77,336	-165	-0.2%	14,538	14,536	2	0.0%
June	12,369	12,354	15	0.1%	30,993	31,104	-111	-0.4%
July	16,869	16,923	-54	-0.3%	15,561	15,499	62	0.4%
August	1,073	1,075	-2	-0.2%	1,108	1,125	-17	-1.5%
September	354	324	30	9.3%	895	805	90	11.2%
Annual Average	108,391	108,523	-132	-0.1%	66,745	66,571	174	0.3%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	139	126	13	10.3%	1,652	1,495	157	10.5%
November	85	72	13	18.1%	2,943	2,698	245	9.1%
December	125	126	-1	-0.8%	1,121	1,128	-7	-0.6%
January	14	15	-1	-6.7%	239	227	12	5.3%
February	20	22	-2	-9.1%	477	396	81	20.5%
March	17	17	0	0.0%	436	443	-7	-1.6%
April	2	2	0	0.0%	61	61	0	0.0%
May	1,623	1,629	-6	-0.4%	1,192	1,196	-4	-0.3%
June	8,025	7,796	229	2.9%	13,345	14,274	-929	-6.5%
July	3,665	3,811	-146	-3.8%	5,369	4,784	585	12.2%
August	1,111	1,111	0	0.0%	650	668	-18	-2.7%
September	141	133	8	6.0%	386	335	51	15.2%
Annual Average	14,968	14,859	109	0.7%	27,872	27,704	168	0.6%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	11	10	1	10.0%	102	99	3	3.0%
November	14	11	3	27.3%	3,094	2,888	206	7.1%
December	14	14	0	0.0%	1,814	1,802	12	0.7%
January	3	3	0	0.0%	442	423	19	4.5%
February	61	65	-4	-6.2%	206	190	16	8.4%
March	67	68	-1	-1.5%	510	502	8	1.6%
April	87	87	0	0.0%	27	27	0	0.0%
May	1,758	1,760	-2	-0.1%	3,739	3,744	-5	-0.1%
June	3,942	3,596	346	9.6%	8,812	9,837	-1,025	-10.4%
July	544	547	-3	-0.5%	3,539	3,479	60	1.7%
August	188	189	-1	-0.5%	1,011	1,025	-14	-1.4%
September	85	78	7	9.0%	335	329	6	1.8%
Annual Average	6,773	6,428	345	5.4%	23,631	24,346	-715	-2.9%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	490	424	66	15.6%	333	325	8	2.5%
November	97	70	27	38.6%	828	774	54	7.0%
December	27	26	1	3.8%	403	400	3	0.8%
January	17	16	1	6.3%	150	144	6	4.2%
February	7	8	-1	-12.5%	70	67	3	4.5%
March	8	8	0	0.0%	115	120	-5	-4.2%
April	6	6	0	0.0%	63	62	1	1.6%
May	1,921	1,963	-42	-2.1%	1,229	1,260	-31	-2.5%
June	25,577	25,727	-150	-0.6%	12,181	12,326	-145	-1.2%
July	5,684	5,646	38	0.7%	9,442	9,123	319	3.5%
August	590	525	65	12.4%	1,068	936	132	14.1%
September	431	363	68	18.7%	226	209	17	8.1%
Annual Average	34,856	34,781	75	0.2%	26,108	25,745	363	1.4%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	36	30	6	20.0%	105	107	-2	-1.9%
November	0	0	0	N/A	925	891	34	3.8%
December	22	21	1	4.8%	530	551	-21	-3.8%
January	15	12	3	25.0%	760	646	114	17.6%
February	6	6	0	0.0%	104	90	14	15.6%
March	15	15	0	0.0%	85	90	-5	-5.6%
April	3	2	1	50.0%	23	23	0	0.0%
May	56	45	11	24.4%	328	339	-11	-3.2%
June	562	610	-48	-7.9%	8,608	8,347	261	3.1%
July	8,148	7,869	279	3.5%	6,306	5,719	587	10.3%
August	124	57	67	117.5%	350	319	31	9.7%
September	288	231	57	24.7%	219	227	-8	-3.5%
Annual Average	9,274	8,899	375	4.2%	18,341	17,349	992	5.7%

Longfin Smelt

Longfin smelt

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	1	1	0	0.0%	0	0	0	N/A
December	1	1	0	0.0%	10	9	1	11.1%
January	25	25	0	0.0%	19	19	0	0.0%
February	13	12	1	8.3%	19	20	-1	-5.0%
March	6	5	1	20.0%	39	39	0	0.0%
April	3,317	3,167	150	4.7%	842	851	-9	-1.1%
May	4,255	4,347	-92	-2.1%	1,556	1,565	-9	-0.6%
June	105	99	6	6.1%	9	9	0	0.0%
July	14	13	1	7.7%	0	0	0	N/A
August	6	6	0	0.0%	1	1	0	0.0%
September	1	1	0	0.0%	0	0	0	N/A
Annual Average	7,744	7,679	65	0.8%	2,496	2,514	-18	-0.7%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	1	1	0	0.0%	9	9	0	0.0%
January	22	22	0	0.0%	16	16	0	0.0%
February	20	20	0	0.0%	33	34	-1	-2.9%
March	5	5	0	0.0%	0	0	0	N/A
April	6,069	5,768	301	5.2%	18	18	0	0.0%
May	417	381	36	9.4%	465	467	-2	-0.4%
June	43	41	2	4.9%	7	7	0	0.0%
July	22	22	0	0.0%	0	0	0	N/A
August	12	12	0	0.0%	2	2	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	6,610	6,271	339	5.4%	551	553	-2	-0.4%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	5	5	0	0.0%	14	14	0	0.0%
January	47	44	3	6.8%	20	21	-1	-4.8%
February	5	5	0	0.0%	0	0	0	N/A
March	15	15	0	0.0%	0	0	0	N/A
April	101	101	0	0.0%	312	314	-2	-0.6%
May	155	155	0	0.0%	583	584	-1	-0.2%
June	38	38	0	0.0%	3	3	0	0.0%
July	16	16	0	0.0%	0	0	0	N/A
August	2	2	0	0.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	385	382	3	0.8%	932	935	-3	-0.3%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	95	91	4	4.4%	16	17	-1	-5.9%
February	15	14	1	7.1%	0	0	0	N/A
March	0	0	0	N/A	46	48	-2	-4.2%
April	0	0	0	N/A	91	91	0	0.0%
May	49	49	0	0.0%	308	307	1	0.3%
June	40	44	-4	-9.1%	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	23	25	-2	-8.0%	0	0	0	N/A
Annual Average	222	223	-1	-0.4%	461	463	-2	-0.4%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	5	5	0	0.0%	0	0	0	N/A
November	2	2	0	0.0%	0	0	0	N/A
December	0	0	0	N/A	10	9	1	11.1%
January	9	9	0	0.0%	28	28	0	0.0%
February	4	4	0	0.0%	8	8	0	0.0%
March	2	2	0	0.0%	134	134	0	0.0%
April	1,139	1,131	8	0.7%	2,858	2,890	-32	-1.1%
May	14,628	15,020	-392	-2.6%	4,493	4,521	-28	-0.6%
June	279	260	19	7.3%	19	19	0	0.0%
July	2	2	0	0.0%	0	0	0	N/A
August	1	1	0	0.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	16,070	16,436	-366	-2.2%	7,550	7,609	-59	-0.8%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	13	12	1	8.3%
January	18	19	-1	-5.3%	3	4	-1	-25.0%
February	7	7	0	0.0%	13	16	-3	-18.8%
March	8	7	1	14.3%	12	12	0	0.0%
April	87	86	1	1.2%	148	149	-1	-0.7%
May	799	852	-53	-6.2%	126	129	-3	-2.3%
June	3	2	1	50.0%	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	921	974	-53	-5.4%	315	321	-6	-1.9%

Longfin smelt

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	1	1	0	0.0%	0	0	0	N/A
December	1	1	0	0.0%	10	9	1	11.1%
January	25	25	0	0.0%	20	19	1	5.3%
February	12	12	0	0.0%	20	20	0	0.0%
March	6	5	1	20.0%	38	39	-1	-2.6%
April	3,311	3,167	144	4.5%	854	851	3	0.4%
May	4,179	4,347	-168	-3.9%	1,523	1,565	-42	-2.7%
June	105	99	6	6.1%	9	9	0	0.0%
July	13	13	0	0.0%	0	0	0	N/A
August	6	6	0	0.0%	1	1	0	0.0%
September	1	1	0	0.0%	0	0	0	N/A
Annual Average	7,662	7,679	-17	-0.2%	2,475	2,514	-39	-1.6%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	1	1	0	0.0%	9	9	0	0.0%
January	22	22	0	0.0%	16	16	0	0.0%
February	19	20	-1	-5.0%	34	34	0	0.0%
March	5	5	0	0.0%	0	0	0	N/A
April	6,060	5,768	292	5.1%	18	18	0	0.0%
May	416	381	35	9.2%	465	467	-2	-0.4%
June	43	41	2	4.9%	7	7	0	0.0%
July	22	22	0	0.0%	0	0	0	N/A
August	12	12	0	0.0%	2	2	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	6,600	6,271	329	5.2%	552	553	-1	-0.2%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	5	5	0	0.0%	14	14	0	0.0%
January	43	44	-1	-2.3%	21	21	0	0.0%
February	5	5	0	0.0%	0	0	0	N/A
March	15	15	0	0.0%	0	0	0	N/A
April	100	101	-1	-1.0%	312	314	-2	-0.6%
May	155	155	0	0.0%	582	584	-2	-0.3%
June	40	38	2	5.3%	3	3	0	0.0%
July	16	16	0	0.0%	0	0	0	N/A
August	2	2	0	0.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	382	382	0	0.0%	931	935	-4	-0.4%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	90	91	-1	-1.1%	17	17	0	0.0%
February	14	14	0	0.0%	0	0	0	N/A
March	0	0	0	N/A	48	48	0	0.0%
April	0	0	0	N/A	91	91	0	0.0%
May	49	49	0	0.0%	308	307	1	0.3%
June	45	44	1	2.3%	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	25	25	0	0.0%	0	0	0	N/A
Annual Average	223	223	0	0.0%	463	463	0	0.0%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	5	5	0	0.0%	0	0	0	N/A
November	3	2	1	50.0%	0	0	0	N/A
December	0	0	0	N/A	10	9	1	11.1%
January	10	9	1	11.1%	29	28	1	3.6%
February	4	4	0	0.0%	8	8	0	0.0%
March	2	2	0	0.0%	127	134	-7	-5.2%
April	1,133	1,131	2	0.2%	2,903	2,890	13	0.4%
May	14,321	15,020	-699	-4.7%	4,375	4,521	-146	-3.2%
June	279	260	19	7.3%	18	19	-1	-5.3%
July	2	2	0	0.0%	0	0	0	N/A
August	1	1	0	0.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	15,759	16,436	-677	-4.1%	7,470	7,609	-139	-1.8%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	12	12	0	0.0%
January	21	19	2	10.5%	4	4	0	0.0%
February	8	7	1	14.3%	14	16	-2	-12.5%
March	7	7	0	0.0%	12	12	0	0.0%
April	92	86	6	7.0%	149	149	0	0.0%
May	977	852	125	14.7%	122	129	-7	-5.4%
June	2	2	0	0.0%	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,107	974	133	13.7%	312	321	-9	-2.8%

Longfin smelt

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	1	1	0	0.0%	0	0	0	N/A
December	1	1	0	0.0%	10	10	0	0.0%
January	25	25	0	0.0%	20	19	1	5.3%
February	12	13	-1	-7.7%	20	19	1	5.3%
March	6	6	0	0.0%	38	39	-1	-2.6%
April	3,311	3,317	-6	-0.2%	854	842	12	1.4%
May	4,179	4,255	-76	-1.8%	1,523	1,556	-33	-2.1%
June	105	105	0	0.0%	9	9	0	0.0%
July	13	14	-1	-7.1%	0	0	0	N/A
August	6	6	0	0.0%	1	1	0	0.0%
September	1	1	0	0.0%	0	0	0	N/A
Annual Average	7,662	7,744	-82	-1.1%	2,475	2,496	-21	-0.8%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	1	1	0	0.0%	9	9	0	0.0%
January	22	22	0	0.0%	16	16	0	0.0%
February	19	20	-1	-5.0%	34	33	1	3.0%
March	5	5	0	0.0%	0	0	0	N/A
April	6,060	6,069	-9	-0.1%	18	18	0	0.0%
May	416	417	-1	-0.2%	465	465	0	0.0%
June	43	43	0	0.0%	7	7	0	0.0%
July	22	22	0	0.0%	0	0	0	N/A
August	12	12	0	0.0%	2	2	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	6,600	6,610	-10	-0.2%	552	551	1	0.2%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	5	5	0	0.0%	14	14	0	0.0%
January	43	47	-4	-8.5%	21	20	1	5.0%
February	5	5	0	0.0%	0	0	0	N/A
March	15	15	0	0.0%	0	0	0	N/A
April	100	101	-1	-1.0%	312	312	0	0.0%
May	155	155	0	0.0%	582	583	-1	-0.2%
June	40	38	2	5.3%	3	3	0	0.0%
July	16	16	0	0.0%	0	0	0	N/A
August	2	2	0	0.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	382	385	-3	-0.8%	931	932	-1	-0.1%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	90	95	-5	-5.3%	17	16	1	6.3%
February	14	15	-1	-6.7%	0	0	0	N/A
March	0	0	0	N/A	48	46	2	4.3%
April	0	0	0	N/A	91	91	0	0.0%
May	49	49	0	0.0%	308	308	0	0.0%
June	45	40	5	12.5%	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	25	23	2	8.7%	0	0	0	N/A
Annual Average	223	222	1	0.5%	463	461	2	0.4%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	5	5	0	0.0%	0	0	0	N/A
November	3	2	1	50.0%	0	0	0	N/A
December	0	0	0	N/A	10	10	0	0.0%
January	10	9	1	11.1%	29	28	1	3.6%
February	4	4	0	0.0%	8	8	0	0.0%
March	2	2	0	0.0%	127	134	-7	-5.2%
April	1,133	1,139	-6	-0.5%	2,903	2,858	45	1.6%
May	14,321	14,628	-307	-2.1%	4,375	4,493	-118	-2.6%
June	279	279	0	0.0%	18	19	-1	-5.3%
July	2	2	0	0.0%	0	0	0	N/A
August	1	1	0	0.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	15,759	16,070	-311	-1.9%	7,470	7,550	-80	-1.1%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	12	13	-1	-7.7%
January	21	18	3	16.7%	4	3	1	33.3%
February	8	7	1	14.3%	14	13	1	7.7%
March	7	8	-1	-12.5%	12	12	0	0.0%
April	92	87	5	5.7%	149	148	1	0.7%
May	977	799	178	22.3%	122	126	-4	-3.2%
June	2	3	-1	-33.3%	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,107	921	186	20.2%	312	315	-3	-1.0%

Longfin smelt

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	1	1	0	0.0%	0	0	0	N/A
December	1	1	0	0.0%	10	9	1	11.1%
January	26	25	1	4.0%	20	19	1	5.3%
February	12	12	0	0.0%	20	20	0	0.0%
March	6	5	1	20.0%	39	39	0	0.0%
April	3,308	3,167	141	4.5%	854	851	3	0.4%
May	4,120	4,347	-227	-5.2%	1,508	1,565	-57	-3.6%
June	103	99	4	4.0%	9	9	0	0.0%
July	13	13	0	0.0%	0	0	0	N/A
August	6	6	0	0.0%	1	1	0	0.0%
September	1	1	0	0.0%	0	0	0	N/A
Annual Average	7,599	7,679	-80	-1.0%	2,461	2,514	-53	-2.1%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	1	1	0	0.0%	9	9	0	0.0%
January	22	22	0	0.0%	16	16	0	0.0%
February	19	20	-1	-5.0%	35	34	1	2.9%
March	5	5	0	0.0%	0	0	0	N/A
April	6,057	5,768	289	5.0%	18	18	0	0.0%
May	416	381	35	9.2%	465	467	-2	-0.4%
June	43	41	2	4.9%	7	7	0	0.0%
July	22	22	0	0.0%	0	0	0	N/A
August	12	12	0	0.0%	2	2	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	6,597	6,271	326	5.2%	553	553	0	0.0%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	5	5	0	0.0%	15	14	1	7.1%
January	46	44	2	4.5%	22	21	1	4.8%
February	5	5	0	0.0%	0	0	0	N/A
March	15	15	0	0.0%	0	0	0	N/A
April	100	101	-1	-1.0%	311	314	-3	-1.0%
May	154	155	-1	-0.6%	581	584	-3	-0.5%
June	39	38	1	2.6%	3	3	0	0.0%
July	16	16	0	0.0%	0	0	0	N/A
August	2	2	0	0.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	383	382	1	0.3%	931	935	-4	-0.4%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A			0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	96	91	5	5.5%	16	17	-1	-5.9%
February	14	14	0	0.0%	0	0	0	N/A
March	0	0	0	N/A	47	48	-1	-2.1%
April	0	0	0	N/A	90	91	-1	-1.1%
May	49	49	0	0.0%	308	307	1	0.3%
June	44	44	0	0.0%	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	24	25	-1	-4.0%	0	0	0	N/A
Annual Average	226	223	3	1.3%	461	463	-2	-0.4%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	5	5	0	0.0%	0	0	0	N/A
November	3	2	1	50.0%	0	0	0	N/A
December	0	0	0	N/A	10	9	1	11.1%
January	10	9	1	11.1%	29	28	1	3.6%
February	4	4	0	0.0%	8	8	0	0.0%
March	2	2	0	0.0%	132	134	-2	-1.5%
April	1,128	1,131	-3	-0.3%	2,903	2,890	13	0.4%
May	14,103	15,020	-917	-6.1%	4,318	4,521	-203	-4.5%
June	270	260	10	3.8%	17	19	-2	-10.5%
July	2	2	0	0.0%	0	0	0	N/A
August	1	1	0	0.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	15,527	16,436	-909	-5.5%	7,417	7,609	-192	-2.5%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	12	12	0	0.0%
January	21	19	2	10.5%	4	4	0	0.0%
February	7	7	0	0.0%	16	16	0	0.0%
March	8	7	1	14.3%	11	12	-1	-8.3%
April	94	86	8	9.3%	148	149	-1	-0.7%
May	1,004	852	152	17.8%	122	129	-7	-5.4%
June	2	2	0	0.0%	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,137	974	163	16.7%	313	321	-8	-2.5%

Longfin smelt

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	1	1	0	0.0%	0	0	0	N/A
December	1	1	0	0.0%	10	10	0	0.0%
January	26	25	1	4.0%	20	19	1	5.3%
February	12	13	-1	-7.7%	20	19	1	5.3%
March	6	6	0	0.0%	39	39	0	0.0%
April	3,308	3,317	-9	-0.3%	854	842	12	1.4%
May	4,120	4,255	-135	-3.2%	1,508	1,556	-48	-3.1%
June	103	105	-2	-1.9%	9	9	0	0.0%
July	13	14	-1	-7.1%	0	0	0	N/A
August	6	6	0	0.0%	1	1	0	0.0%
September	1	1	0	0.0%	0	0	0	N/A
Annual Average	7,599	7,744	-145	-1.9%	2,461	2,496	-35	-1.4%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	1	1	0	0.0%	9	9	0	0.0%
January	22	22	0	0.0%	16	16	0	0.0%
February	19	20	-1	-5.0%	35	33	2	6.1%
March	5	5	0	0.0%	0	0	0	N/A
April	6,057	6,069	-12	-0.2%	18	18	0	0.0%
May	416	417	-1	-0.2%	465	465	0	0.0%
June	43	43	0	0.0%	7	7	0	0.0%
July	22	22	0	0.0%	0	0	0	N/A
August	12	12	0	0.0%	2	2	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	6,597	6,610	-13	-0.2%	553	551	2	0.4%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	5	5	0	0.0%	15	14	1	7.1%
January	46	47	-1	-2.1%	22	20	2	10.0%
February	5	5	0	0.0%	0	0	0	N/A
March	15	15	0	0.0%	0	0	0	N/A
April	100	101	-1	-1.0%	311	312	-1	-0.3%
May	154	155	-1	-0.6%	581	583	-2	-0.3%
June	39	38	1	2.6%	3	3	0	0.0%
July	16	16	0	0.0%	0	0	0	N/A
August	2	2	0	0.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	383	385	-2	-0.5%	931	932	-1	-0.1%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	96	95	1	1.1%	16	16	0	0.0%
February	14	15	-1	-6.7%	0	0	0	N/A
March	0	0	0	N/A	47	46	1	2.2%
April	0	0	0	N/A	90	91	-1	-1.1%
May	49	49	0	0.0%	308	308	0	0.0%
June	44	40	4	10.0%	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	24	23	1	4.3%	0	0	0	N/A
Annual Average	226	222	4	1.8%	461	461	0	0.0%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	5	5	0	0.0%	0	0	0	N/A
November	3	2	1	50.0%	0	0	0	N/A
December	0	0	0	N/A	10	10	0	0.0%
January	10	9	1	11.1%	29	28	1	3.6%
February	4	4	0	0.0%	8	8	0	0.0%
March	2	2	0	0.0%	132	134	-2	-1.5%
April	1,128	1,139	-11	-1.0%	2,903	2,858	45	1.6%
May	14,103	14,628	-525	-3.6%	4,318	4,493	-175	-3.9%
June	270	279	-9	-3.2%	17	19	-2	-10.5%
July	2	2	0	0.0%	0	0	0	N/A
August	1	1	0	0.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	15,527	16,070	-543	-3.4%	7,417	7,550	-133	-1.8%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	12	13	-1	-7.7%
January	21	18	3	16.7%	4	3	1	33.3%
February	7	7	0	0.0%	16	13	3	23.1%
March	8	8	0	0.0%	11	12	-1	-8.3%
April	94	87	7	8.0%	148	148	0	0.0%
May	1,004	799	205	25.7%	122	126	-4	-3.2%
June	2	3	-1	-33.3%	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,137	921	216	23.5%	313	315	-2	-0.6%

Longfin smelt

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	1	1	0	0.0%	0	0	0	N/A
December	1	1	0	0.0%	10	9	1	11.1%
January	25	25	0	0.0%	20	19	1	5.3%
February	12	12	0	0.0%	20	20	0	0.0%
March	5	5	0	0.0%	38	39	-1	-2.6%
April	3,303	3,167	136	4.3%	854	851	3	0.4%
May	4,179	4,347	-168	-3.9%	1,525	1,565	-40	-2.6%
June	105	99	6	6.1%	9	9	0	0.0%
July	13	13	0	0.0%	0	0	0	N/A
August	6	6	0	0.0%	1	1	0	0.0%
September	1	1	0	0.0%	0	0	0	N/A
Annual Average	7,654	7,679	-25	-0.3%	2,477	2,514	-37	-1.5%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	1	1	0	0.0%	9	9	0	0.0%
January	22	22	0	0.0%	17	16	1	6.3%
February	19	20	-1	-5.0%	34	34	0	0.0%
March	5	5	0	0.0%	0	0	0	N/A
April	6,056	5,768	288	5.0%	18	18	0	0.0%
May	416	381	35	9.2%	465	467	-2	-0.4%
June	43	41	2	4.9%	7	7	0	0.0%
July	22	22	0	0.0%	0	0	0	N/A
August	12	12	0	0.0%	2	2	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	6,595	6,271	324	5.2%	553	553	0	0.0%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	5	5	0	0.0%	14	14	0	0.0%
January	44	44	0	0.0%	21	21	0	0.0%
February	5	5	0	0.0%	0	0	0	N/A
March	15	15	0	0.0%	0	0	0	N/A
April	100	101	-1	-1.0%	311	314	-3	-1.0%
May	154	155	-1	-0.6%	581	584	-3	-0.5%
June	39	38	1	2.6%	3	3	0	0.0%
July	16	16	0	0.0%	0	0	0	N/A
August	2	2	0	0.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	381	382	-1	-0.3%	930	935	-5	-0.5%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	91	91	0	0.0%	17	17	0	0.0%
February	14	14	0	0.0%	0	0	0	N/A
March	0	0	0	N/A	47	48	-1	-2.1%
April	0	0	0	N/A	91	91	0	0.0%
May	49	49	0	0.0%	308	307	1	0.3%
June	44	44	0	0.0%	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	25	25	0	0.0%	0	0	0	N/A
Annual Average	223	223	0	0.0%	462	463	-1	-0.2%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	5	5	0	0.0%	0	0	0	N/A
November	3	2	1	50.0%	0	0	0	N/A
December	0	0	0	N/A	10	9	1	11.1%
January	10	9	1	11.1%	29	28	1	3.6%
February	4	4	0	0.0%	9	8	1	12.5%
March	2	2	0	0.0%	128	134	-6	-4.5%
April	1,112	1,131	-19	-1.7%	2,903	2,890	13	0.4%
May	14,319	15,020	-701	-4.7%	4,381	4,521	-140	-3.1%
June	277	260	17	6.5%	19	19	0	0.0%
July	2	2	0	0.0%	0	0	0	N/A
August	1	1	0	0.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	15,735	16,436	-701	-4.3%	7,478	7,609	-131	-1.7%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	12	12	0	0.0%
January	21	19	2	10.5%	4	4	0	0.0%
February	8	7	1	14.3%	15	16	-1	-6.3%
March	8	7	1	14.3%	12	12	0	0.0%
April	95	86	9	10.5%	151	149	2	1.3%
May	1,000	852	148	17.4%	122	129	-7	-5.4%
June	2	2	0	0.0%	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,135	974	161	16.5%	316	321	-5	-1.6%

Longfin smelt

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	1	1	0	0.0%	0	0	0	N/A
December	1	1	0	0.0%	10	10	0	0.0%
January	25	25	0	0.0%	20	19	1	5.3%
February	12	13	-1	-7.7%	20	19	1	5.3%
March	5	6	-1	-16.7%	38	39	-1	-2.6%
April	3,303	3,317	-14	-0.4%	854	842	12	1.4%
May	4,179	4,255	-76	-1.8%	1,525	1,556	-31	-2.0%
June	105	105	0	0.0%	9	9	0	0.0%
July	13	14	-1	-7.1%	0	0	0	N/A
August	6	6	0	0.0%	1	1	0	0.0%
September	1	1	0	0.0%	0	0	0	N/A
Annual Average	7,654	7,744	-90	-1.2%	2,477	2,496	-19	-0.8%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	1	1	0	0.0%	9	9	0	0.0%
January	22	22	0	0.0%	17	16	1	6.3%
February	19	20	-1	-5.0%	34	33	1	3.0%
March	5	5	0	0.0%	0	0	0	N/A
April	6,056	6,069	-13	-0.2%	18	18	0	0.0%
May	416	417	-1	-0.2%	465	465	0	0.0%
June	43	43	0	0.0%	7	7	0	0.0%
July	22	22	0	0.0%	0	0	0	N/A
August	12	12	0	0.0%	2	2	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	6,595	6,610	-15	-0.2%	553	551	2	0.4%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	5	5	0	0.0%	14	14	0	0.0%
January	44	47	-3	-6.4%	21	20	1	5.0%
February	5	5	0	0.0%	0	0	0	N/A
March	15	15	0	0.0%	0	0	0	N/A
April	100	101	-1	-1.0%	311	312	-1	-0.3%
May	154	155	-1	-0.6%	581	583	-2	-0.3%
June	39	38	1	2.6%	3	3	0	0.0%
July	16	16	0	0.0%	0	0	0	N/A
August	2	2	0	0.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	381	385	-4	-1.0%	930	932	-2	-0.2%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	91	95	-4	-4.2%	17	16	1	6.3%
February	14	15	-1	-6.7%	0	0	0	N/A
March	0	0	0	N/A	47	46	1	2.2%
April	0	0	0	N/A	91	91	0	0.0%
May	49	49	0	0.0%	308	308	0	0.0%
June	44	40	4	10.0%	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	25	23	2	8.7%	0	0	0	N/A
Annual Average	223	222	1	0.5%	462	461	1	0.2%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	5	5	0	0.0%	0	0	0	N/A
November	3	2	1	50.0%	0	0	0	N/A
December	0	0	0	N/A	10	10	0	0.0%
January	10	9	1	11.1%	29	28	1	3.6%
February	4	4	0	0.0%	9	8	1	12.5%
March	2	2	0	0.0%	128	134	-6	-4.5%
April	1,112	1,139	-27	-2.4%	2,903	2,858	45	1.6%
May	14,319	14,628	-309	-2.1%	4,381	4,493	-112	-2.5%
June	277	279	-2	-0.7%	19	19	0	0.0%
July	2	2	0	0.0%	0	0	0	N/A
August	1	1	0	0.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	15,735	16,070	-335	-2.1%	7,478	7,550	-72	-1.0%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	12	13	-1	-7.7%
January	21	18	3	16.7%	4	3	1	33.3%
February	8	7	1	14.3%	15	13	2	15.4%
March	8	8	0	0.0%	12	12	0	0.0%
April	95	87	8	9.2%	151	148	3	2.0%
May	1,000	799	201	25.2%	122	126	-4	-3.2%
June	2	3	-1	-33.3%	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,135	921	214	23.2%	316	315	1	0.3%

Splittail

Splittail

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>
October	100	106	-6	-5.7%	152	150	2	1.3%
November	47	47	0	0.0%	53	52	1	1.9%
December	143	142	1	0.7%	54	52	2	3.8%
January	308	306	2	0.7%	286	287	-1	-0.3%
February	623	609	14	2.3%	656	686	-30	-4.4%
March	1,034	1,016	18	1.8%	679	699	-20	-2.9%
April	667	643	24	3.7%	805	808	-3	-0.4%
May	92,712	84,886	7,826	9.2%	105,659	106,049	-390	-0.4%
June	111,227	105,866	5,361	5.1%	614,735	607,796	6,939	1.1%
July	126,360	125,245	1,115	0.9%	96,446	96,197	249	0.3%
August	2,980	2,913	67	2.3%	1,097	1,079	18	1.7%
September	219	208	11	5.3%	181	179	2	1.1%
Annual Average	336,419	321,986	14,433	4.5%	820,803	814,035	6,768	0.8%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>
October	164	172	-8	-4.7%	296	292	4	1.4%
November	74	73	1	1.4%	93	91	2	2.2%
December	178	174	4	2.3%	60	60	0	0.0%
January	322	321	1	0.3%	313	307	6	2.0%
February	538	540	-2	-0.4%	1,186	1,226	-40	-3.3%
March	1,166	1,129	37	3.3%	1,088	1,131	-43	-3.8%
April	935	888	47	5.3%	1,435	1,440	-5	-0.3%
May	185,669	169,769	15,900	9.4%	209,606	210,395	-789	-0.4%
June	220,788	209,900	10,888	5.2%	1,225,500	1,211,100	14,400	1.2%
July	255,324	253,045	2,279	0.9%	193,948	193,428	520	0.3%
August	5,936	5,798	138	2.4%	2,180	2,144	36	1.7%
September	406	383	23	6.0%	344	340	4	1.2%
Annual Average	671,499	642,191	29,308	4.6%	1,636,049	1,621,952	14,097	0.9%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>
October	19	19	0	0.0%	24	24	0	0.0%
November	26	29	-3	-10.3%	38	37	1	2.7%
December	102	106	-4	-3.8%	27	26	1	3.8%
January	381	353	28	7.9%	435	450	-15	-3.3%
February	713	699	14	2.0%	309	357	-48	-13.4%
March	1,638	1,634	4	0.2%	448	431	17	3.9%
April	191	192	-1	-0.5%	396	398	-2	-0.5%
May	8,770	8,779	-9	-0.1%	15,581	15,596	-15	-0.1%
June	17,921	17,932	-11	-0.1%	79,825	81,007	-1,182	-1.5%
July	4,044	4,084	-40	-1.0%	5,827	5,885	-58	-1.0%
August	204	197	7	3.6%	131	127	4	3.1%
September	56	55	1	1.8%	27	27	0	0.0%
Annual Average	34,064	34,080	-16	0.0%	103,067	104,366	-1,299	-1.2%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	7	7	0	0.0%	0	0	0	N/A
November	11	11	0	0.0%	0	0	0	N/A
December	79	80	-1	-1.3%	25	23	2	8.7%
January	200	192	8	4.2%	311	329	-18	-5.5%
February	1,002	936	66	7.1%	84	96	-12	-12.5%
March	870	864	6	0.7%	720	742	-22	-3.0%
April	41	41	0	0.0%	53	53	0	0.0%
May	613	614	-1	-0.2%	5,307	5,286	21	0.4%
June	404	448	-44	-9.8%	2,601	2,479	122	4.9%
July	128	128	0	0.0%	664	635	29	4.6%
August	340	336	4	1.2%	11	10	1	10.0%
September	35	37	-2	-5.4%	24	23	1	4.3%
Annual Average	3,730	3,695	35	0.9%	9,800	9,677	123	1.3%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	62	65	-3	-4.6%	10	10	0	0.0%
November	22	22	0	0.0%	8	9	-1	-11.1%
December	135	138	-3	-2.2%	71	66	5	7.6%
January	294	303	-9	-3.0%	156	156	0	0.0%
February	449	430	19	4.4%	51	52	-1	-1.9%
March	567	584	-17	-2.9%	149	149	0	0.0%
April	587	583	4	0.7%	148	150	-2	-1.3%
May	116	120	-4	-3.3%	118	119	-1	-0.8%
June	140	131	9	6.9%	871	858	13	1.5%
July	227	229	-2	-0.9%	392	396	-4	-1.0%
August	41	47	-6	-12.8%	18	20	-2	-10.0%
September	35	37	-2	-5.4%	25	26	-1	-3.8%
Annual Average	2,675	2,688	-13	-0.5%	2,017	2,010	7	0.3%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	12	14	-2	-14.3%	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	139	155	-16	-10.3%	297	329	-32	-9.7%
February	1,870	1,777	93	5.2%	254	318	-64	-20.1%
March	793	712	81	11.4%	74	71	3	4.2%
April	403	403	0	0.0%	26	26	0	0.0%
May	515	550	-35	-6.4%	135	138	-3	-2.2%
June	43	38	5	13.2%	194	198	-4	-2.0%
July	268	295	-27	-9.2%	96	101	-5	-5.0%
August	4	5	-1	-20.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	4,047	3,947	100	2.5%	1,076	1,181	-105	-8.9%

Splittail

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	115	106	9	8.5%	166	150	16	10.7%
November	53	47	6	12.8%	55	52	3	5.8%
December	144	142	2	1.4%	54	52	2	3.8%
January	310	306	4	1.3%	296	287	9	3.1%
February	610	609	1	0.2%	679	686	-7	-1.0%
March	1,030	1,016	14	1.4%	678	699	-21	-3.0%
April	666	643	23	3.6%	805	808	-3	-0.4%
May	92,589	84,886	7,703	9.1%	105,660	106,049	-389	-0.4%
June	111,343	105,866	5,477	5.2%	613,485	607,796	5,689	0.9%
July	125,949	125,245	704	0.6%	95,861	96,197	-336	-0.3%
August	2,975	2,913	62	2.1%	1,080	1,079	1	0.1%
September	240	208	32	15.4%	201	179	22	12.3%
Annual Average	336,023	321,986	14,037	4.4%	819,019	814,035	4,984	0.6%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	190	172	18	10.5%	324	292	32	11.0%
November	80	73	7	9.6%	95	91	4	4.4%
December	176	174	2	1.1%	61	60	1	1.7%
January	323	321	2	0.6%	315	307	8	2.6%
February	514	540	-26	-4.8%	1,221	1,226	-5	-0.4%
March	1,168	1,129	39	3.5%	1,088	1,131	-43	-3.8%
April	933	888	45	5.1%	1,433	1,440	-7	-0.5%
May	185,416	169,769	15,647	9.2%	209,619	210,395	-776	-0.4%
June	220,753	209,900	10,853	5.2%	1,224,135	1,211,100	13,035	1.1%
July	254,519	253,045	1,474	0.6%	192,572	193,428	-856	-0.4%
August	5,924	5,798	126	2.2%	2,145	2,144	1	0.0%
September	444	383	61	15.9%	383	340	43	12.6%
Annual Average	670,441	642,191	28,250	4.4%	1,633,391	1,621,952	11,439	0.7%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	21	19	2	10.5%	27	24	3	12.5%
November	28	29	-1	-3.4%	40	37	3	8.1%
December	104	106	-2	-1.9%	26	26	0	0.0%
January	351	353	-2	-0.6%	458	450	8	1.8%
February	709	699	10	1.4%	336	357	-21	-5.9%
March	1,637	1,634	3	0.2%	450	431	19	4.4%
April	190	192	-2	-1.0%	396	398	-2	-0.5%
May	8,750	8,779	-29	-0.3%	15,549	15,596	-47	-0.3%
June	18,881	17,932	949	5.3%	75,702	81,007	-5,305	-6.5%
July	3,929	4,084	-155	-3.8%	6,487	5,885	602	10.2%
August	204	197	7	3.6%	126	127	-1	-0.8%
September	60	55	5	9.1%	30	27	3	11.1%
Annual Average	34,865	34,080	785	2.3%	99,627	104,366	-4,739	-4.5%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	8	7	1	14.3%	0	0	0	N/A
November	14	11	3	27.3%	0	0	0	N/A
December	78	80	-2	-2.5%	25	23	2	8.7%
January	190	192	-2	-1.0%	328	329	-1	-0.3%
February	945	936	9	1.0%	97	96	1	1.0%
March	869	864	5	0.6%	738	742	-4	-0.5%
April	41	41	0	0.0%	53	53	0	0.0%
May	613	614	-1	-0.2%	5,303	5,286	17	0.3%
June	454	448	6	1.3%	2,407	2,479	-72	-2.9%
July	127	128	-1	-0.8%	673	635	38	6.0%
August	340	336	4	1.2%	11	10	1	10.0%
September	38	37	1	2.7%	24	23	1	4.3%
Annual Average	3,715	3,695	20	0.5%	9,660	9,677	-17	-0.2%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	67	65	2	3.1%	10	10	0	0.0%
November	28	22	6	27.3%	9	9	0	0.0%
December	141	138	3	2.2%	70	66	4	6.1%
January	314	303	11	3.6%	161	156	5	3.2%
February	435	430	5	1.2%	52	52	0	0.0%
March	559	584	-25	-4.3%	141	149	-8	-5.4%
April	584	583	1	0.2%	151	150	1	0.7%
May	114	120	-6	-5.0%	115	119	-4	-3.4%
June	140	131	9	6.9%	850	858	-8	-0.9%
July	229	229	0	0.0%	400	396	4	1.0%
August	45	47	-2	-4.3%	20	20	0	0.0%
September	40	37	3	8.1%	25	26	-1	-3.8%
Annual Average	2,696	2,688	8	0.3%	2,004	2,010	-6	-0.3%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	18	14	4	28.6%	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	164	155	9	5.8%	370	329	41	12.5%
February	2,015	1,777	238	13.4%	279	318	-39	-12.3%
March	716	712	4	0.6%	71	71	0	0.0%
April	428	403	25	6.2%	26	26	0	0.0%
May	630	550	80	14.5%	131	138	-7	-5.1%
June	40	38	2	5.3%	201	198	3	1.5%
July	281	295	-14	-4.7%	97	101	-4	-4.0%
August	7	5	2	40.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	4,299	3,947	352	8.9%	1,175	1,181	-6	-0.5%

Splittail

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	115	100	15	15.0%	166	152	14	9.2%
November	53	47	6	12.8%	55	53	2	3.8%
December	144	143	1	0.7%	54	54	0	0.0%
January	310	308	2	0.6%	296	286	10	3.5%
February	610	623	-13	-2.1%	679	656	23	3.5%
March	1,030	1,034	-4	-0.4%	678	679	-1	-0.1%
April	666	667	-1	-0.1%	805	805	0	0.0%
May	92,589	92,712	-123	-0.1%	105,660	105,659	1	0.0%
June	111,343	111,227	116	0.1%	613,485	614,735	-1,250	-0.2%
July	125,949	126,360	-411	-0.3%	95,861	96,446	-585	-0.6%
August	2,975	2,980	-5	-0.2%	1,080	1,097	-17	-1.5%
September	240	219	21	9.6%	201	181	20	11.0%
Annual Average	336,023	336,419	-396	-0.1%	819,019	820,803	-1,784	-0.2%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	190	164	26	15.9%	324	296	28	9.5%
November	80	74	6	8.1%	95	93	2	2.2%
December	176	178	-2	-1.1%	61	60	1	1.7%
January	323	322	1	0.3%	315	313	2	0.6%
February	514	538	-24	-4.5%	1,221	1,186	35	3.0%
March	1,168	1,166	2	0.2%	1,088	1,088	0	0.0%
April	933	935	-2	-0.2%	1,433	1,435	-2	-0.1%
May	185,416	185,669	-253	-0.1%	209,619	209,606	13	0.0%
June	220,753	220,788	-35	0.0%	1,224,135	1,225,500	-1,365	-0.1%
July	254,519	255,324	-805	-0.3%	192,572	193,948	-1,376	-0.7%
August	5,924	5,936	-12	-0.2%	2,145	2,180	-35	-1.6%
September	444	406	38	9.4%	383	344	39	11.3%
Annual Average	670,441	671,499	-1,058	-0.2%	1,633,391	1,636,049	-2,658	-0.2%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	21	19	2	10.5%	27	24	3	12.5%
November	28	26	2	7.7%	40	38	2	5.3%
December	104	102	2	2.0%	26	27	-1	-3.7%
January	351	381	-30	-7.9%	458	435	23	5.3%
February	709	713	-4	-0.6%	336	309	27	8.7%
March	1,637	1,638	-1	-0.1%	450	448	2	0.4%
April	190	191	-1	-0.5%	396	396	0	0.0%
May	8,750	8,770	-20	-0.2%	15,549	15,581	-32	-0.2%
June	18,881	17,921	960	5.4%	75,702	79,825	-4,123	-5.2%
July	3,929	4,044	-115	-2.8%	6,487	5,827	660	11.3%
August	204	204	0	0.0%	126	131	-5	-3.8%
September	60	56	4	7.1%	30	27	3	11.1%
Annual Average	34,865	34,064	801	2.4%	99,627	103,067	-3,440	-3.3%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	8	7	1	14.3%	0	0	0	N/A
November	14	11	3	27.3%	0	0	0	N/A
December	78	79	-1	-1.3%	25	25	0	0.0%
January	190	200	-10	-5.0%	328	311	17	5.5%
February	945	1,002	-57	-5.7%	97	84	13	15.5%
March	869	870	-1	-0.1%	738	720	18	2.5%
April	41	41	0	0.0%	53	53	0	0.0%
May	613	613	0	0.0%	5,303	5,307	-4	-0.1%
June	454	404	50	12.4%	2,407	2,601	-194	-7.5%
July	127	128	-1	-0.8%	673	664	9	1.4%
August	340	340	0	0.0%	11	11	0	0.0%
September	38	35	3	8.6%	24	24	0	0.0%
Annual Average	3,715	3,730	-15	-0.4%	9,660	9,800	-140	-1.4%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	67	62	5	8.1%	10	10	0	0.0%
November	28	22	6	27.3%	9	8	1	12.5%
December	141	135	6	4.4%	70	71	-1	-1.4%
January	314	294	20	6.8%	161	156	5	3.2%
February	435	449	-14	-3.1%	52	51	1	2.0%
March	559	567	-8	-1.4%	141	149	-8	-5.4%
April	584	587	-3	-0.5%	151	148	3	2.0%
May	114	116	-2	-1.7%	115	118	-3	-2.5%
June	140	140	0	0.0%	850	871	-21	-2.4%
July	229	227	2	0.9%	400	392	8	2.0%
August	45	41	4	9.8%	20	18	2	11.1%
September	40	35	5	14.3%	25	25	0	0.0%
Annual Average	2,696	2,675	21	0.8%	2,004	2,017	-13	-0.6%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	18	12	6	50.0%	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	164	139	25	18.0%	370	297	73	24.6%
February	2,015	1,870	145	7.8%	279	254	25	9.8%
March	716	793	-77	-9.7%	71	74	-3	-4.1%
April	428	403	25	6.2%	26	26	0	0.0%
May	630	515	115	22.3%	131	135	-4	-3.0%
June	40	43	-3	-7.0%	201	194	7	3.6%
July	281	268	13	4.9%	97	96	1	1.0%
August	7	4	3	75.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	4,299	4,047	252	6.2%	1,175	1,076	99	9.2%

Splittail

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	116	106	10	9.4%	169	150	19	12.7%
November	56	47	9	19.1%	56	52	4	7.7%
December	143	142	1	0.7%	54	52	2	3.8%
January	313	306	7	2.3%	295	287	8	2.8%
February	608	609	-1	-0.2%	692	686	6	0.9%
March	1,038	1,016	22	2.2%	679	699	-20	-2.9%
April	666	643	23	3.6%	804	808	-4	-0.5%
May	92,518	84,886	7,632	9.0%	105,668	106,049	-381	-0.4%
June	111,173	105,866	5,307	5.0%	613,487	607,796	5,691	0.9%
July	126,009	125,245	764	0.6%	96,133	96,197	-64	-0.1%
August	2,966	2,913	53	1.8%	1,078	1,079	-1	-0.1%
September	240	208	32	15.4%	201	179	22	12.3%
Annual Average	335,844	321,986	13,858	4.3%	819,315	814,035	5,280	0.6%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	191	172	19	11.0%	329	292	37	12.7%
November	86	73	13	17.8%	97	91	6	6.6%
December	176	174	2	1.1%	61	60	1	1.7%
January	322	321	1	0.3%	316	307	9	2.9%
February	519	540	-21	-3.9%	1,249	1,226	23	1.9%
March	1,175	1,129	46	4.1%	1,093	1,131	-38	-3.4%
April	933	888	45	5.1%	1,432	1,440	-8	-0.6%
May	185,274	169,769	15,505	9.1%	209,640	210,395	-755	-0.4%
June	220,612	209,900	10,712	5.1%	1,224,102	1,211,100	13,002	1.1%
July	254,641	253,045	1,596	0.6%	193,120	193,428	-308	-0.2%
August	5,904	5,798	106	1.8%	2,142	2,144	-2	-0.1%
September	444	383	61	15.9%	382	340	42	12.4%
Annual Average	670,276	642,191	28,085	4.4%	1,633,963	1,621,952	12,011	0.7%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	20	19	1	5.3%	26	24	2	8.3%
November	32	29	3	10.3%	41	37	4	10.8%
December	102	106	-4	-3.8%	27	26	1	3.8%
January	370	353	17	4.8%	468	450	18	4.0%
February	711	699	12	1.7%	318	357	-39	-10.9%
March	1,639	1,634	5	0.3%	433	431	2	0.5%
April	190	192	-2	-1.0%	395	398	-3	-0.8%
May	8,740	8,779	-39	-0.4%	15,532	15,596	-64	-0.4%
June	18,159	17,932	227	1.3%	76,001	81,007	-5,006	-6.2%
July	3,933	4,084	-151	-3.7%	6,524	5,885	639	10.9%
August	207	197	10	5.1%	127	127	0	0.0%
September	61	55	6	10.9%	31	27	4	14.8%
Annual Average	34,164	34,080	84	0.2%	99,922	104,366	-4,444	-4.3%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	7	7	0	0.0%	0	0	0	N/A
November	14	11	3	27.3%			0	N/A
December	77	80	-3	-3.8%	24	23	1	4.3%
January	201	192	9	4.7%	309	329	-20	-6.1%
February	937	936	1	0.1%	90	96	-6	-6.3%
March	859	864	-5	-0.6%	723	742	-19	-2.6%
April	41	41	0	0.0%	53	53	0	0.0%
May	613	614	-1	-0.2%	5,301	5,286	15	0.3%
June	443	448	-5	-1.1%	2,318	2,479	-161	-6.5%
July	128	128	0	0.0%	642	635	7	1.1%
August	335	336	-1	-0.3%	10	10	0	0.0%
September	36	37	-1	-2.7%	24	23	1	4.3%
Annual Average	3,691	3,695	-4	-0.1%	9,495	9,677	-182	-1.9%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	69	65	4	6.2%	10	10	0	0.0%
November	27	22	5	22.7%	9	9	0	0.0%
December	140	138	2	1.4%	71	66	5	7.6%
January	312	303	9	3.0%	162	156	6	3.8%
February	439	430	9	2.1%	52	52	0	0.0%
March	566	584	-18	-3.1%	147	149	-2	-1.3%
April	582	583	-1	-0.2%	151	150	1	0.7%
May	112	120	-8	-6.7%	113	119	-6	-5.0%
June	136	131	5	3.8%	784	858	-74	-8.6%
July	228	229	-1	-0.4%	397	396	1	0.3%
August	45	47	-2	-4.3%	19	20	-1	-5.0%
September	41	37	4	10.8%	26	26	0	0.0%
Annual Average	2,697	2,688	9	0.3%	1,940	2,010	-70	-3.5%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	18	14	4	28.6%	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	170	155	15	9.7%	341	329	12	3.6%
February	1,884	1,777	107	6.0%	321	318	3	0.9%
March	780	712	68	9.6%	70	71	-1	-1.4%
April	439	403	36	8.9%	26	26	0	0.0%
May	647	550	97	17.6%	131	138	-7	-5.1%
June	38	38	0	0.0%	204	198	6	3.0%
July	275	295	-20	-6.8%	98	101	-3	-3.0%
August	8	5	3	60.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	4,260	3,947	313	7.9%	1,192	1,181	11	0.9%

Splittail

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	116	100	16	16.0%	169	152	17	11.2%
November	56	47	9	19.1%	56	53	3	5.7%
December	143	143	0	0.0%	54	54	0	0.0%
January	313	308	5	1.6%	295	286	9	3.1%
February	608	623	-15	-2.4%	692	656	36	5.5%
March	1,038	1,034	4	0.4%	679	679	0	0.0%
April	666	667	-1	-0.1%	804	805	-1	-0.1%
May	92,518	92,712	-194	-0.2%	105,668	105,659	9	0.0%
June	111,173	111,227	-54	0.0%	613,487	614,735	-1,248	-0.2%
July	126,009	126,360	-351	-0.3%	96,133	96,446	-313	-0.3%
August	2,966	2,980	-14	-0.5%	1,078	1,097	-19	-1.7%
September	240	219	21	9.6%	201	181	20	11.0%
Annual Average	335,844	336,419	-575	-0.2%	819,315	820,803	-1,488	-0.2%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	191	164	27	16.5%	329	296	33	11.1%
November	86	74	12	16.2%	97	93	4	4.3%
December	176	178	-2	-1.1%	61	60	1	1.7%
January	322	322	0	0.0%	316	313	3	1.0%
February	519	538	-19	-3.5%	1,249	1,186	63	5.3%
March	1,175	1,166	9	0.8%	1,093	1,088	5	0.5%
April	933	935	-2	-0.2%	1,432	1,435	-3	-0.2%
May	185,274	185,669	-395	-0.2%	209,640	209,606	34	0.0%
June	220,612	220,788	-176	-0.1%	1,224,102	1,225,500	-1,398	-0.1%
July	254,641	255,324	-683	-0.3%	193,120	193,948	-828	-0.4%
August	5,904	5,936	-32	-0.5%	2,142	2,180	-38	-1.7%
September	444	406	38	9.4%	382	344	38	11.0%
Annual Average	670,276	671,499	-1,223	-0.2%	1,633,963	1,636,049	-2,086	-0.1%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	20	19	1	5.3%	26	24	2	8.3%
November	32	26	6	23.1%	41	38	3	7.9%
December	102	102	0	0.0%	27	27	0	0.0%
January	370	381	-11	-2.9%	468	435	33	7.6%
February	711	713	-2	-0.3%	318	309	9	2.9%
March	1,639	1,638	1	0.1%	433	448	-15	-3.3%
April	190	191	-1	-0.5%	395	396	-1	-0.3%
May	8,740	8,770	-30	-0.3%	15,532	15,581	-49	-0.3%
June	18,159	17,921	238	1.3%	76,001	79,825	-3,824	-4.8%
July	3,933	4,044	-111	-2.7%	6,524	5,827	697	12.0%
August	207	204	3	1.5%	127	131	-4	-3.1%
September	61	56	5	8.9%	31	27	4	14.8%
Annual Average	34,164	34,064	100	0.3%	99,922	103,067	-3,145	-3.1%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	7	7	0	0.0%	0	0	0	N/A
November	14	11	3	27.3%	0	0	0	N/A
December	77	79	-2	-2.5%	24	25	-1	-4.0%
January	201	200	1	0.5%	309	311	-2	-0.6%
February	937	1,002	-65	-6.5%	90	84	6	7.1%
March	859	870	-11	-1.3%	723	720	3	0.4%
April	41	41	0	0.0%	53	53	0	0.0%
May	613	613	0	0.0%	5,301	5,307	-6	-0.1%
June	443	404	39	9.7%	2,318	2,601	-283	-10.9%
July	128	128	0	0.0%	642	664	-22	-3.3%
August	335	340	-5	-1.5%	10	11	-1	-9.1%
September	36	35	1	2.9%	24	24	0	0.0%
Annual Average	3,691	3,730	-39	-1.0%	9,495	9,800	-305	-3.1%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	69	62	7	11.3%	10	10	0	0.0%
November	27	22	5	22.7%	9	8	1	12.5%
December	140	135	5	3.7%	71	71	0	0.0%
January	312	294	18	6.1%	162	156	6	3.8%
February	439	449	-10	-2.2%	52	51	1	2.0%
March	566	567	-1	-0.2%	147	149	-2	-1.3%
April	582	587	-5	-0.9%	151	148	3	2.0%
May	112	116	-4	-3.4%	113	118	-5	-4.2%
June	136	140	-4	-2.9%	784	871	-87	-10.0%
July	228	227	1	0.4%	397	392	5	1.3%
August	45	41	4	9.8%	19	18	1	5.6%
September	41	35	6	17.1%	26	25	1	4.0%
Annual Average	2,697	2,675	22	0.8%	1,940	2,017	-77	-3.8%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	18	12	6	50.0%	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	170	139	31	22.3%	341	297	44	14.8%
February	1,884	1,870	14	0.7%	321	254	67	26.4%
March	780	793	-13	-1.6%	70	74	-4	-5.4%
April	439	403	36	8.9%	26	26	0	0.0%
May	647	515	132	25.6%	131	135	-4	-3.0%
June	38	43	-5	-11.6%	204	194	10	5.2%
July	275	268	7	2.6%	98	96	2	2.1%
August	8	4	4	100.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	4,260	4,047	213	5.3%	1,192	1,076	116	10.8%

Splittail

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	118	106	12	11.3%	168	150	18	12.0%
November	57	47	10	21.3%	56	52	4	7.7%
December	143	142	1	0.7%	54	52	2	3.8%
January	309	306	3	1.0%	297	287	10	3.5%
February	605	609	-4	-0.7%	690	686	4	0.6%
March	1,017	1,016	1	0.1%	678	699	-21	-3.0%
April	664	643	21	3.3%	804	808	-4	-0.5%
May	92,517	84,886	7,631	9.0%	105,666	106,049	-383	-0.4%
June	111,435	105,866	5,569	5.3%	611,852	607,796	4,056	0.7%
July	125,941	125,245	696	0.6%	96,927	96,197	730	0.8%
August	2,974	2,913	61	2.1%	1,080	1,079	1	0.1%
September	240	208	32	15.4%	201	179	22	12.3%
Annual Average	336,018	321,986	14,032	4.4%	818,474	814,035	4,439	0.5%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	193	172	21	12.2%	328	292	36	12.3%
November	88	73	15	20.5%	98	91	7	7.7%
December	176	174	2	1.1%	61	60	1	1.7%
January	320	321	-1	-0.3%	319	307	12	3.9%
February	513	540	-27	-5.0%	1,231	1,226	5	0.4%
March	1,144	1,129	15	1.3%	1,090	1,131	-41	-3.6%
April	933	888	45	5.1%	1,432	1,440	-8	-0.6%
May	185,272	169,769	15,503	9.1%	209,636	210,395	-759	-0.4%
June	221,061	209,900	11,161	5.3%	1,221,116	1,211,100	10,016	0.8%
July	254,513	253,045	1,468	0.6%	194,717	193,428	1,289	0.7%
August	5,920	5,798	122	2.1%	2,146	2,144	2	0.1%
September	444	383	61	15.9%	383	340	43	12.6%
Annual Average	670,577	642,191	28,386	4.4%	1,632,557	1,621,952	10,605	0.7%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	20	19	1	5.3%	27	24	3	12.5%
November	30	29	1	3.4%	42	37	5	13.5%
December	101	106	-5	-4.7%	26	26	0	0.0%
January	356	353	3	0.8%	458	450	8	1.8%
February	661	699	-38	-5.4%	372	357	15	4.2%
March	1,610	1,634	-24	-1.5%	442	431	11	2.6%
April	190	192	-2	-1.0%	395	398	-3	-0.8%
May	8,740	8,779	-39	-0.4%	15,532	15,596	-64	-0.4%
June	18,449	17,932	517	2.9%	74,633	81,007	-6,374	-7.9%
July	3,889	4,084	-195	-4.8%	6,540	5,885	655	11.1%
August	205	197	8	4.1%	127	127	0	0.0%
September	59	55	4	7.3%	31	27	4	14.8%
Annual Average	34,311	34,080	231	0.7%	98,626	104,366	-5,740	-5.5%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	8	7	1	14.3%	0	0	0	N/A
November	14	11	3	27.3%	0	0	0	N/A
December	77	80	-3	-3.8%	25	23	2	8.7%
January	192	192	0	0.0%	325	329	-4	-1.2%
February	938	936	2	0.2%	91	96	-5	-5.2%
March	864	864	0	0.0%	732	742	-10	-1.3%
April	40	41	-1	-2.4%	53	53	0	0.0%
May	613	614	-1	-0.2%	5,301	5,286	15	0.3%
June	443	448	-5	-1.1%	2,330	2,479	-149	-6.0%
July	127	128	-1	-0.8%	676	635	41	6.5%
August	338	336	2	0.6%	11	10	1	10.0%
September	38	37	1	2.7%	25	23	2	8.7%
Annual Average	3,690	3,695	-5	-0.1%	9,567	9,677	-110	-1.1%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	72	65	7	10.8%	10	10	0	0.0%
November	30	22	8	36.4%	9	9	0	0.0%
December	141	138	3	2.2%	71	66	5	7.6%
January	310	303	7	2.3%	162	156	6	3.8%
February	439	430	9	2.1%	53	52	1	1.9%
March	558	584	-26	-4.5%	143	149	-6	-4.0%
April	573	583	-10	-1.7%	151	150	1	0.7%
May	114	120	-6	-5.0%	115	119	-4	-3.4%
June	140	131	9	6.9%	860	858	2	0.2%
July	228	229	-1	-0.4%	406	396	10	2.5%
August	46	47	-1	-2.1%	21	20	1	5.0%
September	41	37	4	10.8%	27	26	1	3.8%
Annual Average	2,691	2,688	3	0.1%	2,028	2,010	18	0.9%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	18	14	4	28.6%	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	170	155	15	9.7%	349	329	20	6.1%
February	2,044	1,777	267	15.0%	291	318	-27	-8.5%
March	795	712	83	11.7%	71	71	0	0.0%
April	443	403	40	9.9%	26	26	0	0.0%
May	645	550	95	17.3%	131	138	-7	-5.1%
June	40	38	2	5.3%	200	198	2	1.0%
July	278	295	-17	-5.8%	106	101	5	5.0%
August	8	5	3	60.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	4,440	3,947	493	12.5%	1,174	1,181	-7	-0.6%

Splittail

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	118	100	18	18.0%	168	152	16	10.5%
November	57	47	10	21.3%	56	53	3	5.7%
December	143	143	0	0.0%	54	54	0	0.0%
January	309	308	1	0.3%	297	286	11	3.8%
February	605	623	-18	-2.9%	690	656	34	5.2%
March	1,017	1,034	-17	-1.6%	678	679	-1	-0.1%
April	664	667	-3	-0.4%	804	805	-1	-0.1%
May	92,517	92,712	-195	-0.2%	105,666	105,659	7	0.0%
June	111,435	111,227	208	0.2%	611,852	614,735	-2,883	-0.5%
July	125,941	126,360	-419	-0.3%	96,927	96,446	481	0.5%
August	2,974	2,980	-6	-0.2%	1,080	1,097	-17	-1.5%
September	240	219	21	9.6%	201	181	20	11.0%
Annual Average	336,018	336,419	-401	-0.1%	818,474	820,803	-2,329	-0.3%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	193	164	29	17.7%	328	296	32	10.8%
November	88	74	14	18.9%	98	93	5	5.4%
December	176	178	-2	-1.1%	61	60	1	1.7%
January	320	322	-2	-0.6%	319	313	6	1.9%
February	513	538	-25	-4.6%	1,231	1,186	45	3.8%
March	1,144	1,166	-22	-1.9%	1,090	1,088	2	0.2%
April	933	935	-2	-0.2%	1,432	1,435	-3	-0.2%
May	185,272	185,669	-397	-0.2%	209,636	209,606	30	0.0%
June	221,061	220,788	273	0.1%	1,221,116	1,225,500	-4,384	-0.4%
July	254,513	255,324	-811	-0.3%	194,717	193,948	769	0.4%
August	5,920	5,936	-16	-0.3%	2,146	2,180	-34	-1.6%
September	444	406	38	9.4%	383	344	39	11.3%
Annual Average	670,577	671,499	-922	-0.1%	1,632,557	1,636,049	-3,492	-0.2%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	20	19	1	5.3%	27	24	3	12.5%
November	30	26	4	15.4%	42	38	4	10.5%
December	101	102	-1	-1.0%	26	27	-1	-3.7%
January	356	381	-25	-6.6%	458	435	23	5.3%
February	661	713	-52	-7.3%	372	309	63	20.4%
March	1,610	1,638	-28	-1.7%	442	448	-6	-1.3%
April	190	191	-1	-0.5%	395	396	-1	-0.3%
May	8,740	8,770	-30	-0.3%	15,532	15,581	-49	-0.3%
June	18,449	17,921	528	2.9%	74,633	79,825	-5,192	-6.5%
July	3,889	4,044	-155	-3.8%	6,540	5,827	713	12.2%
August	205	204	1	0.5%	127	131	-4	-3.1%
September	59	56	3	5.4%	31	27	4	14.8%
Annual Average	34,311	34,064	247	0.7%	98,626	103,067	-4,441	-4.3%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	8	7	1	14.3%	0	0	0	N/A
November	14	11	3	27.3%	0	0	0	N/A
December	77	79	-2	-2.5%	25	25	0	0.0%
January	192	200	-8	-4.0%	325	311	14	4.5%
February	938	1,002	-64	-6.4%	91	84	7	8.3%
March	864	870	-6	-0.7%	732	720	12	1.7%
April	40	41	-1	-2.4%	53	53	0	0.0%
May	613	613	0	0.0%	5,301	5,307	-6	-0.1%
June	443	404	39	9.7%	2,330	2,601	-271	-10.4%
July	127	128	-1	-0.8%	676	664	12	1.8%
August	338	340	-2	-0.6%	11	11	0	0.0%
September	38	35	3	8.6%	25	24	1	4.2%
Annual Average	3,690	3,730	-40	-1.1%	9,567	9,800	-233	-2.4%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	72	62	10	16.1%	10	10	0	0.0%
November	30	22	8	36.4%	9	8	1	12.5%
December	141	135	6	4.4%	71	71	0	0.0%
January	310	294	16	5.4%	162	156	6	3.8%
February	439	449	-10	-2.2%	53	51	2	3.9%
March	558	567	-9	-1.6%	143	149	-6	-4.0%
April	573	587	-14	-2.4%	151	148	3	2.0%
May	114	116	-2	-1.7%	115	118	-3	-2.5%
June	140	140	0	0.0%	860	871	-11	-1.3%
July	228	227	1	0.4%	406	392	14	3.6%
August	46	41	5	12.2%	21	18	3	16.7%
September	41	35	6	17.1%	27	25	2	8.0%
Annual Average	2,691	2,675	16	0.6%	2,028	2,017	11	0.5%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	18	12	6	50.0%	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	170	139	31	22.3%	349	297	52	17.5%
February	2,044	1,870	174	9.3%	291	254	37	14.6%
March	795	793	2	0.3%	71	74	-3	-4.1%
April	443	403	40	9.9%	26	26	0	0.0%
May	645	515	130	25.2%	131	135	-4	-3.0%
June	40	43	-3	-7.0%	200	194	6	3.1%
July	278	268	10	3.7%	106	96	10	10.4%
August	8	4	4	100.0%	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	4,440	4,047	393	9.7%	1,174	1,076	98	9.1%

Steelhead

Steelhead

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	6	6	0	0.0%	0	0	0	N/A
November	4	4	0	0.0%	4	4	0	0.0%
December	31	32	-1	-3.1%	11	11	0	0.0%
January	522	513	9	1.8%	400	403	-3	-0.7%
February	939	921	18	2.0%	960	1,023	-63	-6.2%
March	515	513	2	0.4%	627	636	-9	-1.4%
April	108	105	3	2.9%	138	139	-1	-0.7%
May	622	571	51	8.9%	275	276	-1	-0.4%
June	40	38	2	5.3%	36	36	0	0.0%
July	3	3	0	0.0%	21	21	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	2,792	2,708	84	3.1%	2,472	2,548	-76	-3.0%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	12	13	-1	-7.7%	0	0	0	N/A
November	2	2	0	0.0%	4	4	0	0.0%
December	10	9	1	11.1%	7	7	0	0.0%
January	700	697	3	0.4%	418	410	8	2.0%
February	909	912	-3	-0.3%	1,003	1,037	-34	-3.3%
March	404	391	13	3.3%	552	574	-22	-3.8%
April	130	123	7	5.7%	156	156	0	0.0%
May	1,221	1,117	104	9.3%	528	530	-2	-0.4%
June	71	67	4	6.0%	67	66	1	1.5%
July	1	1	0	0.0%	42	42	0	0.0%
August	1	1	0	0.0%	0	0	0	N/A
September	1	1	0	0.0%	0	0	0	N/A
Annual Average	3,462	3,335	127	3.8%	2,776	2,826	-50	-1.8%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	7	8	-1	-12.5%	10	10	0	0.0%
December	89	92	-3	-3.3%	45	44	1	2.3%
January	932	865	67	7.7%	1,179	1,221	-42	-3.4%
February	1,229	1,206	23	1.9%	758	877	-119	-13.6%
March	504	503	1	0.2%	526	505	21	4.2%
April	80	80	0	0.0%	82	82	0	0.0%
May	42	42	0	0.0%	51	51	0	0.0%
June	24	24	0	0.0%	9	9	0	0.0%
July	2	2	0	0.0%	4	4	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	2,910	2,823	87	3.1%	2,664	2,803	-139	-5.0%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	29	29	0	0.0%	12	12	0	0.0%
January	119	114	5	4.4%	72	76	-4	-5.3%
February	1,711	1,597	114	7.1%	2,283	2,611	-328	-12.6%
March	844	837	7	0.8%	850	875	-25	-2.9%
April	11	11	0	0.0%	43	43	0	0.0%
May	18	18	0	0.0%	43	42	1	2.4%
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	2,731	2,607	124	4.8%	3,303	3,660	-357	-9.8%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	7	7	0	0.0%	2	2	0	0.0%
December	48	49	-1	-2.0%	3	3	0	0.0%
January	154	159	-5	-3.1%	66	66	0	0.0%
February	674	646	28	4.3%	753	765	-12	-1.6%
March	708	729	-21	-2.9%	842	842	0	0.0%
April	111	110	1	0.9%	166	168	-2	-1.2%
May	44	45	-1	-2.2%	18	19	-1	-5.3%
June	3	3	0	0.0%	9	9	0	0.0%
July	4	4	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,753	1,752	1	0.1%	1,860	1,873	-13	-0.7%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	48	53	-5	-9.4%	261	289	-28	-9.7%
February	1,085	1,031	54	5.2%	793	995	-202	-20.3%
March	209	188	21	11.2%	181	172	9	5.2%
April	60	60	0	0.0%	64	64	0	0.0%
May	47	50	-3	-6.0%	11	12	-1	-8.3%
June	18	16	2	12.5%	0	0	0	N/A
July	20	22	-2	-9.1%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,487	1,420	67	4.7%	1,310	1,531	-221	-14.4%

Steelhead

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	7	6	1	16.7%	0	0	0	N/A
November	5	4	1	25.0%	4	4	0	0.0%
December	32	32	0	0.0%	11	11	0	0.0%
January	516	513	3	0.6%	414	403	11	2.7%
February	911	921	-10	-1.1%	1,011	1,023	-12	-1.2%
March	512	513	-1	-0.2%	616	636	-20	-3.1%
April	108	105	3	2.9%	139	139	0	0.0%
May	622	571	51	8.9%	274	276	-2	-0.7%
June	40	38	2	5.3%	36	36	0	0.0%
July	3	3	0	0.0%	21	21	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	1	0	1	N/A	0	0	0	N/A
Annual Average	2,756	2,708	48	1.8%	2,527	2,548	-21	-0.8%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	14	13	1	7.7%	0	0	0	N/A
November	3	2	1	50.0%	4	4	0	0.0%
December	9	9	0	0.0%	7	7	0	0.0%
January	701	697	4	0.6%	421	410	11	2.7%
February	869	912	-43	-4.7%	1,032	1,037	-5	-0.5%
March	405	391	14	3.6%	552	574	-22	-3.8%
April	130	123	7	5.7%	155	156	-1	-0.6%
May	1,220	1,117	103	9.2%	528	530	-2	-0.4%
June	71	67	4	6.0%	67	66	1	1.5%
July	1	1	0	0.0%	41	42	-1	-2.4%
August	1	1	0	0.0%	0	0	0	N/A
September	1	1	0	0.0%	0	0	0	N/A
Annual Average	3,424	3,335	89	2.7%	2,808	2,826	-18	-0.6%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	8	8	0	0.0%	10	10	0	0.0%
December	91	92	-1	-1.1%	45	44	1	2.3%
January	859	865	-6	-0.7%	1,243	1,221	22	1.8%
February	1,223	1,206	17	1.4%	825	877	-52	-5.9%
March	503	503	0	0.0%	528	505	23	4.6%
April	80	80	0	0.0%	81	82	-1	-1.2%
May	42	42	0	0.0%	51	51	0	0.0%
June	26	24	2	8.3%	8	9	-1	-11.1%
July	2	2	0	0.0%	4	4	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	2,834	2,823	11	0.4%	2,795	2,803	-8	-0.3%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	28	29	-1	-3.4%	12	12	0	0.0%
January	113	114	-1	-0.9%	76	76	0	0.0%
February	1,614	1,597	17	1.1%	2,650	2,611	39	1.5%
March	842	837	5	0.6%	872	875	-3	-0.3%
April	11	11	0	0.0%	43	43	0	0.0%
May	18	18	0	0.0%	43	42	1	2.4%
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	2,626	2,607	19	0.7%	3,695	3,660	35	1.0%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	9	7	2	28.6%	3	2	1	50.0%
December	50	49	1	2.0%	3	3	0	0.0%
January	165	159	6	3.8%	68	66	2	3.0%
February	652	646	6	0.9%	769	765	4	0.5%
March	698	729	-31	-4.3%	801	842	-41	-4.9%
April	110	110	0	0.0%	169	168	1	0.6%
May	43	45	-2	-4.4%	18	19	-1	-5.3%
June	3	3	0	0.0%	9	9	0	0.0%
July	4	4	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,735	1,752	-17	-1.0%	1,839	1,873	-34	-1.8%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	56	53	3	5.7%	325	289	36	12.5%
February	1,169	1,031	138	13.4%	873	995	-122	-12.3%
March	189	188	1	0.5%	172	172	0	0.0%
April	64	60	4	6.7%	64	64	0	0.0%
May	57	50	7	14.0%	11	12	-1	-8.3%
June	17	16	1	6.3%	0	0	0	N/A
July	21	22	-1	-4.5%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,573	1,420	153	10.8%	1,445	1,531	-86	-5.6%

Steelhead

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	7	6	1	16.7%	0	0	0	N/A
November	5	4	1	25.0%	4	4	0	0.0%
December	32	31	1	3.2%	11	11	0	0.0%
January	516	522	-6	-1.1%	414	400	14	3.5%
February	911	939	-28	-3.0%	1,011	960	51	5.3%
March	512	515	-3	-0.6%	616	627	-11	-1.8%
April	108	108	0	0.0%	139	138	1	0.7%
May	622	622	0	0.0%	274	275	-1	-0.4%
June	40	40	0	0.0%	36	36	0	0.0%
July	3	3	0	0.0%	21	21	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	1	0	1	N/A	0	0	0	N/A
Annual Average	2,756	2,792	-36	-1.3%	2,527	2,472	55	2.2%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	14	12	2	16.7%	0	0	0	N/A
November	3	2	1	50.0%	4	4	0	0.0%
December	9	10	-1	-10.0%	7	7	0	0.0%
January	701	700	1	0.1%	421	418	3	0.7%
February	869	909	-40	-4.4%	1,032	1,003	29	2.9%
March	405	404	1	0.2%	552	552	0	0.0%
April	130	130	0	0.0%	155	156	-1	-0.6%
May	1,220	1,221	-1	-0.1%	528	528	0	0.0%
June	71	71	0	0.0%	67	67	0	0.0%
July	1	1	0	0.0%	41	42	-1	-2.4%
August	1	1	0	0.0%	0	0	0	N/A
September	1	1	0	0.0%	0	0	0	N/A
Annual Average	3,424	3,462	-38	-1.1%	2,808	2,776	32	1.2%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	8	7	1	14.3%	10	10	0	0.0%
December	91	89	2	2.2%	45	45	0	0.0%
January	859	932	-73	-7.8%	1,243	1,179	64	5.4%
February	1,223	1,229	-6	-0.5%	825	758	67	8.8%
March	503	504	-1	-0.2%	528	526	2	0.4%
April	80	80	0	0.0%	81	82	-1	-1.2%
May	42	42	0	0.0%	51	51	0	0.0%
June	26	24	2	8.3%	8	9	-1	-11.1%
July	2	2	0	0.0%	4	4	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	2,834	2,910	-76	-2.6%	2,795	2,664	131	4.9%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	28	29	-1	-3.4%	12	12	0	0.0%
January	113	119	-6	-5.0%	76	72	4	5.6%
February	1,614	1,711	-97	-5.7%	2,650	2,283	367	16.1%
March	842	844	-2	-0.2%	872	850	22	2.6%
April	11	11	0	0.0%	43	43	0	0.0%
May	18	18	0	0.0%	43	43	0	0.0%
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	2,626	2,731	-105	-3.8%	3,695	3,303	392	11.9%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	9	7	2	28.6%	3	2	1	50.0%
December	50	48	2	4.2%	3	3	0	0.0%
January	165	154	11	7.1%	68	66	2	3.0%
February	652	674	-22	-3.3%	769	753	16	2.1%
March	698	708	-10	-1.4%	801	842	-41	-4.9%
April	110	111	-1	-0.9%	169	166	3	1.8%
May	43	44	-1	-2.3%	18	18	0	0.0%
June	3	3	0	0.0%	9	9	0	0.0%
July	4	4	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,735	1,753	-18	-1.0%	1,839	1,860	-21	-1.1%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	56	48	8	16.7%	325	261	64	24.5%
February	1,169	1,085	84	7.7%	873	793	80	10.1%
March	189	209	-20	-9.6%	172	181	-9	-5.0%
April	64	60	4	6.7%	64	64	0	0.0%
May	57	47	10	21.3%	11	11	0	0.0%
June	17	18	-1	-5.6%	0	0	0	N/A
July	21	20	1	5.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,573	1,487	86	5.8%	1,445	1,310	135	10.3%

Steelhead

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	7	6	1	16.7%	0	0	0	N/A
November	5	4	1	25.0%	4	4	0	0.0%
December	32	32	0	0.0%	11	11	0	0.0%
January	522	513	9	1.8%	416	403	13	3.2%
February	914	921	-7	-0.8%	1,009	1,023	-14	-1.4%
March	515	513	2	0.4%	622	636	-14	-2.2%
April	108	105	3	2.9%	139	139	0	0.0%
May	621	571	50	8.8%	274	276	-2	-0.7%
June	40	38	2	5.3%	36	36	0	0.0%
July	3	3	0	0.0%	21	21	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	1	0	1	N/A	0	0	0	N/A
Annual Average	2,767	2,708	59	2.2%	2,533	2,548	-15	-0.6%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	14	13	1	7.7%	0	0	0	N/A
November	3	2	1	50.0%	4	4	0	0.0%
December	9	9	0	0.0%	7	7	0	0.0%
January	699	697	2	0.3%	421	410	11	2.7%
February	878	912	-34	-3.7%	1,056	1,037	19	1.8%
March	407	391	16	4.1%	555	574	-19	-3.3%
April	130	123	7	5.7%	155	156	-1	-0.6%
May	1,219	1,117	102	9.1%	528	530	-2	-0.4%
June	71	67	4	6.0%	67	66	1	1.5%
July	1	1	0	0.0%	42	42	0	0.0%
August	1	1	0	0.0%	0	0	0	N/A
September	1	1	0	0.0%	0	0	0	N/A
Annual Average	3,433	3,335	98	2.9%	2,835	2,826	9	0.3%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	8	8	0	0.0%	11	10	1	10.0%
December	89	92	-3	-3.3%	47	44	3	6.8%
January	906	865	41	4.7%	1,268	1,221	47	3.8%
February	1,226	1,206	20	1.7%	780	877	-97	-11.1%
March	504	503	1	0.2%	507	505	2	0.4%
April	80	80	0	0.0%	81	82	-1	-1.2%
May	42	42	0	0.0%	51	51	0	0.0%
June	25	24	1	4.2%	8	9	-1	-11.1%
July	2	2	0	0.0%	4	4	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	2,883	2,823	60	2.1%	2,757	2,803	-46	-1.6%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A			0	N/A
December	28	29	-1	-3.4%	12	12	0	0.0%
January	119	114	5	4.4%	71	76	-5	-6.6%
February	1,600	1,597	3	0.2%	2,448	2,611	-163	-6.2%
March	833	837	-4	-0.5%	853	875	-22	-2.5%
April	11	11	0	0.0%	43	43	0	0.0%
May	18	18	0	0.0%	42	42	0	0.0%
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	2,610	2,607	3	0.1%	3,470	3,660	-190	-5.2%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	9	7	2	28.6%	2	2	0	0.0%
December	49	49	0	0.0%	3	3	0	0.0%
January	164	159	5	3.1%	69	66	3	4.5%
February	659	646	13	2.0%	757	765	-8	-1.0%
March	706	729	-23	-3.2%	830	842	-12	-1.4%
April	110	110	0	0.0%	169	168	1	0.6%
May	42	45	-3	-6.7%	18	19	-1	-5.3%
June	3	3	0	0.0%	8	9	-1	-11.1%
July	4	4	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,748	1,752	-4	-0.2%	1,856	1,873	-17	-0.9%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	58	53	5	9.4%	300	289	11	3.8%
February	1,093	1,031	62	6.0%	1,006	995	11	1.1%
March	206	188	18	9.6%	170	172	-2	-1.2%
April	66	60	6	10.0%	64	64	0	0.0%
May	59	50	9	18.0%	11	12	-1	-8.3%
June	16	16	0	0.0%	0	0	0	N/A
July	20	22	-2	-9.1%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,518	1,420	98	6.9%	1,550	1,531	19	1.2%

Steelhead

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	7	6	1	16.7%	0	0	0	N/A
November	5	4	1	25.0%	4	4	0	0.0%
December	32	31	1	3.2%	11	11	0	0.0%
January	522	522	0	0.0%	416	400	16	4.0%
February	914	939	-25	-2.7%	1,009	960	49	5.1%
March	515	515	0	0.0%	622	627	-5	-0.8%
April	108	108	0	0.0%	139	138	1	0.7%
May	621	622	-1	-0.2%	274	275	-1	-0.4%
June	40	40	0	0.0%	36	36	0	0.0%
July	3	3	0	0.0%	21	21	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	1	0	1	N/A	0	0	0	N/A
Annual Average	2,767	2,792	-25	-0.9%	2,533	2,472	61	2.5%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	14	12	2	16.7%	0	0	0	N/A
November	3	2	1	50.0%	4	4	0	0.0%
December	9	10	-1	-10.0%	7	7	0	0.0%
January	699	700	-1	-0.1%	421	418	3	0.7%
February	878	909	-31	-3.4%	1,056	1,003	53	5.3%
March	407	404	3	0.7%	555	552	3	0.5%
April	130	130	0	0.0%	155	156	-1	-0.6%
May	1,219	1,221	-2	-0.2%	528	528	0	0.0%
June	71	71	0	0.0%	67	67	0	0.0%
July	1	1	0	0.0%	42	42	0	0.0%
August	1	1	0	0.0%	0	0	0	N/A
September	1	1	0	0.0%	0	0	0	N/A
Annual Average	3,433	3,462	-29	-0.8%	2,835	2,776	59	2.1%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	8	7	1	14.3%	11	10	1	10.0%
December	89	89	0	0.0%	47	45	2	4.4%
January	906	932	-26	-2.8%	1,268	1,179	89	7.5%
February	1,226	1,229	-3	-0.2%	780	758	22	2.9%
March	504	504	0	0.0%	507	526	-19	-3.6%
April	80	80	0	0.0%	81	82	-1	-1.2%
May	42	42	0	0.0%	51	51	0	0.0%
June	25	24	1	4.2%	8	9	-1	-11.1%
July	2	2	0	0.0%	4	4	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	2,883	2,910	-27	-0.9%	2,757	2,664	93	3.5%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	28	29	-1	-3.4%	12	12	0	0.0%
January	119	119	0	0.0%	71	72	-1	-1.4%
February	1,600	1,711	-111	-6.5%	2,448	2,283	165	7.2%
March	833	844	-11	-1.3%	853	850	3	0.4%
April	11	11	0	0.0%	43	43	0	0.0%
May	18	18	0	0.0%	42	43	-1	-2.3%
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	2,610	2,731	-121	-4.4%	3,470	3,303	167	5.1%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	9	7	2	28.6%	2	2	0	0.0%
December	49	48	1	2.1%	3	3	0	0.0%
January	164	154	10	6.5%	69	66	3	4.5%
February	659	674	-15	-2.2%	757	753	4	0.5%
March	706	708	-2	-0.3%	830	842	-12	-1.4%
April	110	111	-1	-0.9%	169	166	3	1.8%
May	42	44	-2	-4.5%	18	18	0	0.0%
June	3	3	0	0.0%	8	9	-1	-11.1%
July	4	4	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,748	1,753	-5	-0.3%	1,856	1,860	-4	-0.2%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	58	48	10	20.8%	300	261	39	14.9%
February	1,093	1,085	8	0.7%	1,006	793	213	26.9%
March	206	209	-3	-1.4%	170	181	-11	-6.1%
April	66	60	6	10.0%	64	64	0	0.0%
May	59	47	12	25.5%	11	11	0	0.0%
June	16	18	-2	-11.1%	0	0	0	N/A
July	20	20	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,518	1,487	31	2.1%	1,550	1,310	240	18.3%

Steelhead

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	7	6	1	16.7%	0	0	0	N/A
November	5	4	1	25.0%	4	4	0	0.0%
December	32	32	0	0.0%	11	11	0	0.0%
January	514	513	1	0.2%	416	403	13	3.2%
February	901	921	-20	-2.2%	1,024	1,023	1	0.1%
March	506	513	-7	-1.4%	617	636	-19	-3.0%
April	108	105	3	2.9%	139	139	0	0.0%
May	621	571	50	8.8%	274	276	-2	-0.7%
June	40	38	2	5.3%	36	36	0	0.0%
July	3	3	0	0.0%	21	21	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	1	0	1	N/A	0	0	0	N/A
Annual Average	2,738	2,708	30	1.1%	2,542	2,548	-6	-0.2%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	14	13	1	7.7%	0	0	0	N/A
November	3	2	1	50.0%	4	4	0	0.0%
December	9	9	0	0.0%	7	7	0	0.0%
January	695	697	-2	-0.3%	425	410	15	3.7%
February	867	912	-45	-4.9%	1,041	1,037	4	0.4%
March	396	391	5	1.3%	554	574	-20	-3.5%
April	130	123	7	5.7%	155	156	-1	-0.6%
May	1,219	1,117	102	9.1%	528	530	-2	-0.4%
June	71	67	4	6.0%	66	66	0	0.0%
July	1	1	0	0.0%	42	42	0	0.0%
August	1	1	0	0.0%	0	0	0	N/A
September	1	1	0	0.0%	0	0	0	N/A
Annual Average	3,407	3,335	72	2.2%	2,823	2,826	-3	-0.1%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	8	8	0	0.0%	11	10	1	10.0%
December	88	92	-4	-4.3%	45	44	1	2.3%
January	872	865	7	0.8%	1,243	1,221	22	1.8%
February	1,140	1,206	-66	-5.5%	914	877	37	4.2%
March	495	503	-8	-1.6%	518	505	13	2.6%
April	80	80	0	0.0%	81	82	-1	-1.2%
May	42	42	0	0.0%	51	51	0	0.0%
June	25	24	1	4.2%	8	9	-1	-11.1%
July	2	2	0	0.0%	4	4	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	2,753	2,823	-70	-2.5%	2,875	2,803	72	2.6%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	28	29	-1	-3.4%	12	12	0	0.0%
January	114	114	0	0.0%	75	76	-1	-1.3%
February	1,601	1,597	4	0.3%	2,478	2,611	-133	-5.1%
March	837	837	0	0.0%	864	875	-11	-1.3%
April	11	11	0	0.0%	43	43	0	0.0%
May	18	18	0	0.0%	42	42	0	0.0%
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	2,610	2,607	3	0.1%	3,514	3,660	-146	-4.0%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	9	7	2	28.6%	2	2	0	0.0%
December	50	49	1	2.0%	3	3	0	0.0%
January	163	159	4	2.5%	69	66	3	4.5%
February	659	646	13	2.0%	782	765	17	2.2%
March	696	729	-33	-4.5%	807	842	-35	-4.2%
April	108	110	-2	-1.8%	169	168	1	0.6%
May	43	45	-2	-4.4%	18	19	-1	-5.3%
June	3	3	0	0.0%	9	9	0	0.0%
July	4	4	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,735	1,752	-17	-1.0%	1,859	1,873	-14	-0.7%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	58	53	5	9.4%	306	289	17	5.9%
February	1,186	1,031	155	15.0%	911	995	-84	-8.4%
March	210	188	22	11.7%	172	172	0	0.0%
April	66	60	6	10.0%	65	64	1	1.6%
May	58	50	8	16.0%	11	12	-1	-8.3%
June	17	16	1	6.3%	0	0	0	N/A
July	20	22	-2	-9.1%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,616	1,420	196	13.8%	1,465	1,531	-66	-4.3%

Steelhead

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	7	6	1	16.7%	0	0	0	N/A
November	5	4	1	25.0%	4	4	0	0.0%
December	32	31	1	3.2%	11	11	0	0.0%
January	514	522	-8	-1.5%	416	400	16	4.0%
February	901	939	-38	-4.0%	1,024	960	64	6.7%
March	506	515	-9	-1.7%	617	627	-10	-1.6%
April	108	108	0	0.0%	139	138	1	0.7%
May	621	622	-1	-0.2%	274	275	-1	-0.4%
June	40	40	0	0.0%	36	36	0	0.0%
July	3	3	0	0.0%	21	21	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	1	0	1	N/A	0	0	0	N/A
Annual Average	2,738	2,792	-54	-1.9%	2,542	2,472	70	2.8%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	14	12	2	16.7%	0	0	0	N/A
November	3	2	1	50.0%	4	4	0	0.0%
December	9	10	-1	-10.0%	7	7	0	0.0%
January	695	700	-5	-0.7%	425	418	7	1.7%
February	867	909	-42	-4.6%	1,041	1,003	38	3.8%
March	396	404	-8	-2.0%	554	552	2	0.4%
April	130	130	0	0.0%	155	156	-1	-0.6%
May	1,219	1,221	-2	-0.2%	528	528	0	0.0%
June	71	71	0	0.0%	66	67	-1	-1.5%
July	1	1	0	0.0%	42	42	0	0.0%
August	1	1	0	0.0%	0	0	0	N/A
September	1	1	0	0.0%	0	0	0	N/A
Annual Average	3,407	3,462	-55	-1.6%	2,823	2,776	47	1.7%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	8	7	1	14.3%	11	10	1	10.0%
December	88	89	-1	-1.1%	45	45	0	0.0%
January	872	932	-60	-6.4%	1,243	1,179	64	5.4%
February	1,140	1,229	-89	-7.2%	914	758	156	20.6%
March	495	504	-9	-1.8%	518	526	-8	-1.5%
April	80	80	0	0.0%	81	82	-1	-1.2%
May	42	42	0	0.0%	51	51	0	0.0%
June	25	24	1	4.2%	8	9	-1	-11.1%
July	2	2	0	0.0%	4	4	0	0.0%
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	2,753	2,910	-157	-5.4%	2,875	2,664	211	7.9%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	28	29	-1	-3.4%	12	12	0	0.0%
January	114	119	-5	-4.2%	75	72	3	4.2%
February	1,601	1,711	-110	-6.4%	2,478	2,283	195	8.5%
March	837	844	-7	-0.8%	864	850	14	1.6%
April	11	11	0	0.0%	43	43	0	0.0%
May	18	18	0	0.0%	42	43	-1	-2.3%
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	2,610	2,731	-121	-4.4%	3,514	3,303	211	6.4%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	9	7	2	28.6%	2	2	0	0.0%
December	50	48	2	4.2%	3	3	0	0.0%
January	163	154	9	5.8%	69	66	3	4.5%
February	659	674	-15	-2.2%	782	753	29	3.9%
March	696	708	-12	-1.7%	807	842	-35	-4.2%
April	108	111	-3	-2.7%	169	166	3	1.8%
May	43	44	-1	-2.3%	18	18	0	0.0%
June	3	3	0	0.0%	9	9	0	0.0%
July	4	4	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,735	1,753	-18	-1.0%	1,859	1,860	-1	-0.1%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	58	48	10	20.8%	306	261	45	17.2%
February	1,186	1,085	101	9.3%	911	793	118	14.9%
March	210	209	1	0.5%	172	181	-9	-5.0%
April	66	60	6	10.0%	65	64	1	1.6%
May	58	47	11	23.4%	11	11	0	0.0%
June	17	18	-1	-5.6%	0	0	0	N/A
July	20	20	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	1,616	1,487	129	8.7%	1,465	1,310	155	11.8%

Striped Bass

Striped Bass

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>
October	31,009	32,545	-1,536	-4.7%	7,408	7,381	27	0.4%
November	44,568	44,668	-100	-0.2%	10,892	10,916	-24	-0.2%
December	43,289	43,161	128	0.3%	9,432	9,096	336	3.7%
January	8,564	8,634	-70	-0.8%	10,728	10,669	59	0.6%
February	6,190	6,043	147	2.4%	12,522	13,017	-495	-3.8%
March	2,274	2,271	3	0.1%	6,503	6,554	-51	-0.8%
April	487	474	13	2.7%	1,302	1,311	-9	-0.7%
May	40,518	37,492	3,026	8.1%	33,993	34,154	-161	-0.5%
June	467,146	447,001	20,145	4.5%	287,542	284,565	2,977	1.0%
July	660,165	657,801	2,364	0.4%	144,541	144,682	-141	-0.1%
August	215,543	211,702	3,841	1.8%	21,162	21,047	115	0.5%
September	19,899	18,846	1,053	5.6%	9,475	9,398	77	0.8%
Annual Average	1,539,652	1,510,637	29,015	1.9%	555,501	552,790	2,711	0.5%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>
October	35,033	36,850	-1,817	-4.9%	11,533	11,387	146	1.3%
November	45,032	44,886	146	0.3%	10,784	10,516	268	2.5%
December	50,708	49,463	1,245	2.5%	9,323	9,195	128	1.4%
January	9,713	9,668	45	0.5%	12,165	11,925	240	2.0%
February	4,830	4,844	-14	-0.3%	14,791	15,293	-502	-3.3%
March	1,660	1,608	52	3.2%	2,460	2,558	-98	-3.8%
April	450	428	22	5.1%	1,188	1,191	-3	-0.3%
May	72,776	66,543	6,233	9.4%	34,905	35,036	-131	-0.4%
June	571,820	543,622	28,198	5.2%	406,841	402,061	4,780	1.2%
July	983,477	974,696	8,781	0.9%	204,526	203,977	549	0.3%
August	400,567	391,250	9,317	2.4%	34,376	33,811	565	1.7%
September	38,291	36,111	2,180	6.0%	15,999	15,792	207	1.3%
Annual Average	2,214,356	2,159,968	54,388	2.5%	758,891	752,743	6,148	0.8%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>
October	714	747	-33	-4.4%	4,101	4,021	80	2.0%
November	9,250	10,350	-1,100	-10.6%	5,587	5,394	193	3.6%
December	43,729	45,572	-1,843	-4.0%	4,327	4,236	91	2.1%
January	3,113	2,888	225	7.8%	5,680	5,882	-202	-3.4%
February	3,906	3,832	74	1.9%	5,639	6,518	-879	-13.5%
March	1,927	1,921	6	0.3%	2,695	2,590	105	4.1%
April	81	82	-1	-1.2%	587	590	-3	-0.5%
May	23,505	23,530	-25	-0.1%	6,403	6,409	-6	-0.1%
June	639,529	639,911	-382	-0.1%	168,477	170,972	-2,495	-1.5%
July	485,295	490,069	-4,774	-1.0%	62,930	63,561	-631	-1.0%
August	76,336	73,723	2,613	3.5%	10,856	10,591	265	2.5%
September	4,662	4,619	43	0.9%	5,121	5,158	-37	-0.7%
Annual Average	1,292,047	1,297,245	-5,198	-0.4%	282,403	285,922	-3,519	-1.2%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	459	496	-37	-7.5%	1,284	1,285	-1	-0.1%
November	6,638	7,121	-483	-6.8%	1,018	1,055	-37	-3.5%
December	6,532	6,597	-65	-1.0%	2,591	2,464	127	5.2%
January	2,168	2,082	86	4.1%	3,744	3,967	-223	-5.6%
February	4,580	4,277	303	7.1%	4,375	5,003	-628	-12.6%
March	5,205	5,165	40	0.8%	12,869	13,257	-388	-2.9%
April	322	323	-1	-0.3%	756	757	-1	-0.1%
May	947	947	0	0.0%	13,530	13,475	55	0.4%
June	28,261	31,390	-3,129	-10.0%	48,973	46,673	2,300	4.9%
July	19,063	19,097	-34	-0.2%	15,508	14,821	687	4.6%
August	3,012	2,978	34	1.1%	6,989	6,877	112	1.6%
September	739	798	-59	-7.4%	1,305	1,254	51	4.1%
Annual Average	77,923	81,271	-3,348	-4.1%	112,942	110,889	2,053	1.9%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	49,952	52,279	-2,327	-4.5%	4,027	4,234	-207	-4.9%
November	76,186	76,170	16	0.0%	17,448	18,109	-661	-3.7%
December	43,887	44,725	-838	-1.9%	15,048	14,116	932	6.6%
January	10,373	10,678	-305	-2.9%	13,358	13,382	-24	-0.2%
February	10,629	10,183	446	4.4%	15,124	15,364	-240	-1.6%
March	3,300	3,399	-99	-2.9%	15,445	15,436	9	0.1%
April	866	859	7	0.8%	2,181	2,205	-24	-1.1%
May	5,146	5,284	-138	-2.6%	54,801	55,142	-341	-0.6%
June	354,442	330,768	23,674	7.2%	222,274	219,113	3,161	1.4%
July	394,417	398,808	-4,391	-1.1%	122,348	123,458	-1,110	-0.9%
August	28,225	32,254	-4,029	-12.5%	8,541	9,265	-724	-7.8%
September	1,297	1,386	-89	-6.4%	2,961	3,043	-82	-2.7%
Annual Average	978,721	966,795	11,926	1.2%	493,557	492,867	690	0.1%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	271	293	-22	-7.5%	72	72	0	0.0%
November	48	54	-6	-11.1%	171	167	4	2.4%
December	892	927	-35	-3.8%	219	211	8	3.8%
January	9,070	10,055	-985	-9.8%	2,676	2,964	-288	-9.7%
February	3,029	2,879	150	5.2%	2,479	3,110	-631	-20.3%
March	395	355	40	11.3%	650	618	32	5.2%
April	18	18	0	0.0%	42	42	0	0.0%
May	502	536	-34	-6.3%	5,909	6,034	-125	-2.1%
June	4,281	3,811	470	12.3%	22,277	22,728	-451	-2.0%
July	24,658	27,075	-2,417	-8.9%	23,227	24,524	-1,297	-5.3%
August	599	732	-133	-18.2%	1,191	1,357	-166	-12.2%
September	337	303	34	11.2%	484	492	-8	-1.6%
Annual Average	44,099	47,037	-2,938	-6.2%	59,396	62,320	-2,924	-4.7%

Striped Bass

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	35,008	32,545	2,463	7.6%	8,060	7,381	679	9.2%
November	53,165	44,668	8,497	19.0%	11,522	10,916	606	5.6%
December	43,705	43,161	544	1.3%	9,410	9,096	314	3.5%
January	8,797	8,634	163	1.9%	10,974	10,669	305	2.9%
February	5,985	6,043	-58	-1.0%	12,940	13,017	-77	-0.6%
March	2,261	2,271	-10	-0.4%	6,315	6,554	-239	-3.6%
April	485	474	11	2.3%	1,310	1,311	-1	-0.1%
May	40,438	37,492	2,946	7.9%	33,590	34,154	-564	-1.7%
June	471,882	447,001	24,881	5.6%	284,511	284,565	-54	0.0%
July	657,578	657,801	-223	0.0%	145,545	144,682	863	0.6%
August	215,957	211,702	4,255	2.0%	21,062	21,047	15	0.1%
September	21,770	18,846	2,924	15.5%	10,453	9,398	1,055	11.2%
Annual Average	1,557,033	1,510,637	46,396	3.1%	555,692	552,790	2,902	0.5%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	40,750	36,850	3,900	10.6%	12,619	11,387	1,232	10.8%
November	49,166	44,886	4,280	9.5%	11,015	10,516	499	4.7%
December	50,253	49,463	790	1.6%	9,391	9,195	196	2.1%
January	9,732	9,668	64	0.7%	12,257	11,925	332	2.8%
February	4,613	4,844	-231	-4.8%	15,221	15,293	-72	-0.5%
March	1,664	1,608	56	3.5%	2,460	2,558	-98	-3.8%
April	450	428	22	5.1%	1,186	1,191	-5	-0.4%
May	72,676	66,543	6,133	9.2%	34,907	35,036	-129	-0.4%
June	571,730	543,622	28,108	5.2%	406,388	402,061	4,327	1.1%
July	980,374	974,696	5,678	0.6%	203,075	203,977	-902	-0.4%
August	399,758	391,250	8,508	2.2%	33,831	33,811	20	0.1%
September	41,877	36,111	5,766	16.0%	17,820	15,792	2,028	12.8%
Annual Average	2,223,044	2,159,968	63,076	2.9%	760,171	752,743	7,428	1.0%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	790	747	43	5.8%	4,561	4,021	540	13.4%
November	10,056	10,350	-294	-2.8%	5,825	5,394	431	8.0%
December	44,713	45,572	-859	-1.9%	4,283	4,236	47	1.1%
January	2,870	2,888	-18	-0.6%	5,987	5,882	105	1.8%
February	3,886	3,832	54	1.4%	6,131	6,518	-387	-5.9%
March	1,925	1,921	4	0.2%	2,704	2,590	114	4.4%
April	81	82	-1	-1.2%	586	590	-4	-0.7%
May	23,453	23,530	-77	-0.3%	6,390	6,409	-19	-0.3%
June	673,784	639,911	33,873	5.3%	159,774	170,972	-11,198	-6.5%
July	471,534	490,069	-18,535	-3.8%	70,066	63,561	6,505	10.2%
August	76,299	73,723	2,576	3.5%	10,462	10,591	-129	-1.2%
September	4,966	4,619	347	7.5%	5,698	5,158	540	10.5%
Annual Average	1,314,357	1,297,245	17,112	1.3%	282,467	285,922	-3,455	-1.2%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	506	496	10	2.0%	1,337	1,285	52	4.0%
November	8,456	7,121	1,335	18.7%	1,041	1,055	-14	-1.3%
December	6,421	6,597	-176	-2.7%	2,608	2,464	144	5.8%
January	2,059	2,082	-23	-1.1%	3,954	3,967	-13	-0.3%
February	4,320	4,277	43	1.0%	5,077	5,003	74	1.5%
March	5,196	5,165	31	0.6%	13,199	13,257	-58	-0.4%
April	322	323	-1	-0.3%	756	757	-1	-0.1%
May	946	947	-1	-0.1%	13,519	13,475	44	0.3%
June	31,753	31,390	363	1.2%	45,308	46,673	-1,365	-2.9%
July	18,923	19,097	-174	-0.9%	15,718	14,821	897	6.1%
August	3,008	2,978	30	1.0%	6,965	6,877	88	1.3%
September	812	798	14	1.8%	1,328	1,254	74	5.9%
Annual Average	82,722	81,271	1,451	1.8%	110,810	110,889	-79	-0.1%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	54,244	52,279	1,965	3.8%	4,217	4,234	-17	-0.4%
November	99,484	76,170	23,314	30.6%	19,214	18,109	1,105	6.1%
December	45,762	44,725	1,037	2.3%	14,866	14,116	750	5.3%
January	11,072	10,678	394	3.7%	13,788	13,382	406	3.0%
February	10,289	10,183	106	1.0%	15,458	15,364	94	0.6%
March	3,253	3,399	-146	-4.3%	14,691	15,436	-745	-4.8%
April	861	859	2	0.2%	2,215	2,205	10	0.5%
May	5,038	5,284	-246	-4.7%	53,357	55,142	-1,785	-3.2%
June	354,217	330,768	23,449	7.1%	216,914	219,113	-2,199	-1.0%
July	397,248	398,808	-1,560	-0.4%	124,976	123,458	1,518	1.2%
August	31,129	32,254	-1,125	-3.5%	9,326	9,265	61	0.7%
September	1,489	1,386	103	7.4%	2,966	3,043	-77	-2.5%
Annual Average	1,014,086	966,795	47,291	4.9%	491,989	492,867	-878	-0.2%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	300	293	7	2.4%	69	72	-3	-4.2%
November	70	54	16	29.6%	184	167	17	10.2%
December	900	927	-27	-2.9%	196	211	-15	-7.1%
January	10,669	10,055	614	6.1%	3,337	2,964	373	12.6%
February	3,265	2,879	386	13.4%	2,728	3,110	-382	-12.3%
March	356	355	1	0.3%	618	618	0	0.0%
April	19	18	1	5.6%	42	42	0	0.0%
May	614	536	78	14.6%	5,727	6,034	-307	-5.1%
June	3,964	3,811	153	4.0%	23,040	22,728	312	1.4%
July	25,832	27,075	-1,243	-4.6%	23,627	24,524	-897	-3.7%
August	1,169	732	437	59.7%	1,402	1,357	45	3.3%
September	496	303	193	63.7%	465	492	-27	-5.5%
Annual Average	47,652	47,037	615	1.3%	61,436	62,320	-884	-1.4%

Striped Bass

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>
October	35,008	31,009	3,999	12.9%	8,060	7,408	652	8.8%
November	53,165	44,568	8,597	19.3%	11,522	10,892	630	5.8%
December	43,705	43,289	416	1.0%	9,410	9,432	-22	-0.2%
January	8,797	8,564	233	2.7%	10,974	10,728	246	2.3%
February	5,985	6,190	-205	-3.3%	12,940	12,522	418	3.3%
March	2,261	2,274	-13	-0.6%	6,315	6,503	-188	-2.9%
April	485	487	-2	-0.4%	1,310	1,302	8	0.6%
May	40,438	40,518	-80	-0.2%	33,590	33,993	-403	-1.2%
June	471,882	467,146	4,736	1.0%	284,511	287,542	-3,031	-1.1%
July	657,578	660,165	-2,587	-0.4%	145,545	144,541	1,004	0.7%
August	215,957	215,543	414	0.2%	21,062	21,162	-100	-0.5%
September	21,770	19,899	1,871	9.4%	10,453	9,475	978	10.3%
Annual Average	1,557,033	1,539,652	17,381	1.1%	555,692	555,501	191	0.0%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>
October	40,750	35,033	5,717	16.3%	12,619	11,533	1,086	9.4%
November	49,166	45,032	4,134	9.2%	11,015	10,784	231	2.1%
December	50,253	50,708	-455	-0.9%	9,391	9,323	68	0.7%
January	9,732	9,713	19	0.2%	12,257	12,165	92	0.8%
February	4,613	4,830	-217	-4.5%	15,221	14,791	430	2.9%
March	1,664	1,660	4	0.2%	2,460	2,460	0	0.0%
April	450	450	0	0.0%	1,186	1,188	-2	-0.2%
May	72,676	72,776	-100	-0.1%	34,907	34,905	2	0.0%
June	571,730	571,820	-90	0.0%	406,388	406,841	-453	-0.1%
July	980,374	983,477	-3,103	-0.3%	203,075	204,526	-1,451	-0.7%
August	399,758	400,567	-809	-0.2%	33,831	34,376	-545	-1.6%
September	41,877	38,291	3,586	9.4%	17,820	15,999	1,821	11.4%
Annual Average	2,223,044	2,214,356	8,688	0.4%	760,171	758,891	1,280	0.2%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>	<i>Average</i>	<i>Average</i>	<i>Absolute</i>	<i>Relative (%)</i>
October	790	714	76	10.6%	4,561	4,101	460	11.2%
November	10,056	9,250	806	8.7%	5,825	5,587	238	4.3%
December	44,713	43,729	984	2.3%	4,283	4,327	-44	-1.0%
January	2,870	3,113	-243	-7.8%	5,987	5,680	307	5.4%
February	3,886	3,906	-20	-0.5%	6,131	5,639	492	8.7%
March	1,925	1,927	-2	-0.1%	2,704	2,695	9	0.3%
April	81	81	0	0.0%	586	587	-1	-0.2%
May	23,453	23,505	-52	-0.2%	6,390	6,403	-13	-0.2%
June	673,784	639,529	34,255	5.4%	159,774	168,477	-8,703	-5.2%
July	471,534	485,295	-13,761	-2.8%	70,066	62,930	7,136	11.3%
August	76,299	76,336	-37	0.0%	10,462	10,856	-394	-3.6%
September	4,966	4,662	304	6.5%	5,698	5,121	577	11.3%
Annual Average	1,314,357	1,292,047	22,310	1.7%	282,467	282,403	64	0.0%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	506	459	47	10.2%	1,337	1,284	53	4.1%
November	8,456	6,638	1,818	27.4%	1,041	1,018	23	2.3%
December	6,421	6,532	-111	-1.7%	2,608	2,591	17	0.7%
January	2,059	2,168	-109	-5.0%	3,954	3,744	210	5.6%
February	4,320	4,580	-260	-5.7%	5,077	4,375	702	16.0%
March	5,196	5,205	-9	-0.2%	13,199	12,869	330	2.6%
April	322	322	0	0.0%	756	756	0	0.0%
May	946	947	-1	-0.1%	13,519	13,530	-11	-0.1%
June	31,753	28,261	3,492	12.4%	45,308	48,973	-3,665	-7.5%
July	18,923	19,063	-140	-0.7%	15,718	15,508	210	1.4%
August	3,008	3,012	-4	-0.1%	6,965	6,989	-24	-0.3%
September	812	739	73	9.9%	1,328	1,305	23	1.8%
Annual Average	82,722	77,923	4,799	6.2%	110,810	112,942	-2,132	-1.9%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	54,244	49,952	4,292	8.6%	4,217	4,027	190	4.7%
November	99,484	76,186	23,298	30.6%	19,214	17,448	1,766	10.1%
December	45,762	43,887	1,875	4.3%	14,866	15,048	-182	-1.2%
January	11,072	10,373	699	6.7%	13,788	13,358	430	3.2%
February	10,289	10,629	-340	-3.2%	15,458	15,124	334	2.2%
March	3,253	3,300	-47	-1.4%	14,691	15,445	-754	-4.9%
April	861	866	-5	-0.6%	2,215	2,181	34	1.6%
May	5,038	5,146	-108	-2.1%	53,357	54,801	-1,444	-2.6%
June	354,217	354,442	-225	-0.1%	216,914	222,274	-5,360	-2.4%
July	397,248	394,417	2,831	0.7%	124,976	122,348	2,628	2.1%
August	31,129	28,225	2,904	10.3%	9,326	8,541	785	9.2%
September	1,489	1,297	192	14.8%	2,966	2,961	5	0.2%
Annual Average	1,014,086	978,721	35,365	3.6%	491,989	493,557	-1,568	-0.3%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	300	271	29	10.7%	69	72	-3	-4.2%
November	70	48	22	45.8%	184	171	13	7.6%
December	900	892	8	0.9%	196	219	-23	-10.5%
January	10,669	9,070	1,599	17.6%	3,337	2,676	661	24.7%
February	3,265	3,029	236	7.8%	2,728	2,479	249	10.0%
March	356	395	-39	-9.9%	618	650	-32	-4.9%
April	19	18	1	5.6%	42	42	0	0.0%
May	614	502	112	22.3%	5,727	5,909	-182	-3.1%
June	3,964	4,281	-317	-7.4%	23,040	22,277	763	3.4%
July	25,832	24,658	1,174	4.8%	23,627	23,227	400	1.7%
August	1,169	599	570	95.2%	1,402	1,191	211	17.7%
September	496	337	159	47.2%	465	484	-19	-3.9%
Annual Average	47,652	44,099	3,553	8.1%	61,436	59,396	2,040	3.4%

Striped Bass

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	35,313	32,545	2,768	8.5%	8,192	7,381	811	11.0%
November	54,078	44,668	9,410	21.1%	11,473	10,916	557	5.1%
December	43,437	43,161	276	0.6%	9,501	9,096	405	4.5%
January	8,817	8,634	183	2.1%	11,000	10,669	331	3.1%
February	6,029	6,043	-14	-0.2%	13,000	13,017	-17	-0.1%
March	2,275	2,271	4	0.2%	6,436	6,554	-118	-1.8%
April	484	474	10	2.1%	1,310	1,311	-1	-0.1%
May	40,386	37,492	2,894	7.7%	33,399	34,154	-755	-2.2%
June	464,931	447,001	17,930	4.0%	279,926	284,565	-4,639	-1.6%
July	657,494	657,801	-307	0.0%	145,550	144,682	868	0.6%
August	215,523	211,702	3,821	1.8%	20,932	21,047	-115	-0.5%
September	21,787	18,846	2,941	15.6%	10,505	9,398	1,107	11.8%
Annual Average	1,550,554	1,510,637	39,917	2.6%	551,226	552,790	-1,564	-0.3%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	40,826	36,850	3,976	10.8%	12,836	11,387	1,449	12.7%
November	52,370	44,886	7,484	16.7%	11,179	10,516	663	6.3%
December	50,133	49,463	670	1.4%	9,459	9,195	264	2.9%
January	9,704	9,668	36	0.4%	12,267	11,925	342	2.9%
February	4,662	4,844	-182	-3.8%	15,570	15,293	277	1.8%
March	1,673	1,608	65	4.0%	2,472	2,558	-86	-3.4%
April	449	428	21	4.9%	1,185	1,191	-6	-0.5%
May	72,621	66,543	6,078	9.1%	34,911	35,036	-125	-0.4%
June	571,365	543,622	27,743	5.1%	406,377	402,061	4,316	1.1%
July	980,846	974,696	6,150	0.6%	203,653	203,977	-324	-0.2%
August	398,439	391,250	7,189	1.8%	33,781	33,811	-30	-0.1%
September	41,856	36,111	5,745	15.9%	17,775	15,792	1,983	12.6%
Annual Average	2,224,945	2,159,968	64,977	3.0%	761,465	752,743	8,722	1.2%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	767	747	20	2.7%	4,330	4,021	309	7.7%
November	11,343	10,350	993	9.6%	6,025	5,394	631	11.7%
December	43,968	45,572	-1,604	-3.5%	4,444	4,236	208	4.9%
January	3,027	2,888	139	4.8%	6,106	5,882	224	3.8%
February	3,895	3,832	63	1.6%	5,801	6,518	-717	-11.0%
March	1,928	1,921	7	0.4%	2,600	2,590	10	0.4%
April	81	82	-1	-1.2%	586	590	-4	-0.7%
May	23,424	23,530	-106	-0.5%	6,383	6,409	-26	-0.4%
June	648,014	639,911	8,103	1.3%	160,407	170,972	-10,565	-6.2%
July	472,023	490,069	-18,046	-3.7%	70,460	63,561	6,899	10.9%
August	77,168	73,723	3,445	4.7%	10,587	10,591	-4	0.0%
September	5,072	4,619	453	9.8%	5,909	5,158	751	14.6%
Annual Average	1,290,709	1,297,245	-6,536	-0.5%	283,637	285,922	-2,285	-0.8%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	503	496	7	1.4%	1,297	1,285	12	0.9%
November	8,688	7,121	1,567	22.0%			0	N/A
December	6,359	6,597	-238	-3.6%	2,488	2,464	24	1.0%
January	2,179	2,082	97	4.7%	3,722	3,967	-245	-6.2%
February	4,285	4,277	8	0.2%	4,690	5,003	-313	-6.3%
March	5,138	5,165	-27	-0.5%	12,922	13,257	-335	-2.5%
April	322	323	-1	-0.3%	755	757	-2	-0.3%
May	945	947	-2	-0.2%	13,515	13,475	40	0.3%
June	31,043	31,390	-347	-1.1%	43,641	46,673	-3,032	-6.5%
July	18,991	19,097	-106	-0.6%	14,989	14,821	168	1.1%
August	2,961	2,978	-17	-0.6%	6,832	6,877	-45	-0.7%
September	767	798	-31	-3.9%	1,326	1,254	72	5.7%
Annual Average	82,181	81,271	910	1.1%	107,302	110,889	-3,587	-3.2%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	55,240	52,279	2,961	5.7%	4,434	4,234	200	4.7%
November	96,356	76,170	20,186	26.5%	18,624	18,109	515	2.8%
December	45,377	44,725	652	1.5%	15,017	14,116	901	6.4%
January	11,024	10,678	346	3.2%	13,897	13,382	515	3.8%
February	10,400	10,183	217	2.1%	15,217	15,364	-147	-1.0%
March	3,293	3,399	-106	-3.1%	15,222	15,436	-214	-1.4%
April	858	859	-1	-0.1%	2,215	2,205	10	0.5%
May	4,961	5,284	-323	-6.1%	52,661	55,142	-2,481	-4.5%
June	342,442	330,768	11,674	3.5%	200,069	219,113	-19,044	-8.7%
July	395,918	398,808	-2,890	-0.7%	123,856	123,458	398	0.3%
August	31,483	32,254	-771	-2.4%	8,940	9,265	-325	-3.5%
September	1,546	1,386	160	11.5%	3,124	3,043	81	2.7%
Annual Average	998,896	966,795	32,101	3.3%	473,275	492,867	-19,592	-4.0%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	281	293	-12	-4.1%	74	72	2	2.8%
November	71	54	17	31.5%	178	167	11	6.6%
December	915	927	-12	-1.3%	207	211	-4	-1.9%
January	11,068	10,055	1,013	10.1%	3,079	2,964	115	3.9%
February	3,051	2,879	172	6.0%	3,142	3,110	32	1.0%
March	389	355	34	9.6%	611	618	-7	-1.1%
April	19	18	1	5.6%	42	42	0	0.0%
May	631	536	95	17.7%	5,709	6,034	-325	-5.4%
June	3,788	3,811	-23	-0.6%	23,404	22,728	676	3.0%
July	25,317	27,075	-1,758	-6.5%	23,859	24,524	-665	-2.7%
August	1,222	732	490	66.9%	1,181	1,357	-176	-13.0%
September	487	303	184	60.7%	534	492	42	8.5%
Annual Average	47,239	47,037	202	0.4%	62,020	62,320	-300	-0.5%

Striped Bass

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	35,313	31,009	4,304	13.9%	8,192	7,408	784	10.6%
November	54,078	44,568	9,510	21.3%	11,473	10,892	581	5.3%
December	43,437	43,289	148	0.3%	9,501	9,432	69	0.7%
January	8,817	8,564	253	3.0%	11,000	10,728	272	2.5%
February	6,029	6,190	-161	-2.6%	13,000	12,522	478	3.8%
March	2,275	2,274	1	0.0%	6,436	6,503	-67	-1.0%
April	484	487	-3	-0.6%	1,310	1,302	8	0.6%
May	40,386	40,518	-132	-0.3%	33,399	33,993	-594	-1.7%
June	464,931	467,146	-2,215	-0.5%	279,926	287,542	-7,616	-2.6%
July	657,494	660,165	-2,671	-0.4%	145,550	144,541	1,009	0.7%
August	215,523	215,543	-20	0.0%	20,932	21,162	-230	-1.1%
September	21,787	19,899	1,888	9.5%	10,505	9,475	1,030	10.9%
Annual Average	1,550,554	1,539,652	10,902	0.7%	551,226	555,501	-4,275	-0.8%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	40,826	35,033	5,793	16.5%	12,836	11,533	1,303	11.3%
November	52,370	45,032	7,338	16.3%	11,179	10,784	395	3.7%
December	50,133	50,708	-575	-1.1%	9,459	9,323	136	1.5%
January	9,704	9,713	-9	-0.1%	12,267	12,165	102	0.8%
February	4,662	4,830	-168	-3.5%	15,570	14,791	779	5.3%
March	1,673	1,660	13	0.8%	2,472	2,460	12	0.5%
April	449	450	-1	-0.2%	1,185	1,188	-3	-0.3%
May	72,621	72,776	-155	-0.2%	34,911	34,905	6	0.0%
June	571,365	571,820	-455	-0.1%	406,377	406,841	-464	-0.1%
July	980,846	983,477	-2,631	-0.3%	203,653	204,526	-873	-0.4%
August	398,439	400,567	-2,128	-0.5%	33,781	34,376	-595	-1.7%
September	41,856	38,291	3,565	9.3%	17,775	15,999	1,776	11.1%
Annual Average	2,224,945	2,214,356	10,589	0.5%	761,465	758,891	2,574	0.3%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	767	714	53	7.4%	4,330	4,101	229	5.6%
November	11,343	9,250	2,093	22.6%	6,025	5,587	438	7.8%
December	43,968	43,729	239	0.5%	4,444	4,327	117	2.7%
January	3,027	3,113	-86	-2.8%	6,106	5,680	426	7.5%
February	3,895	3,906	-11	-0.3%	5,801	5,639	162	2.9%
March	1,928	1,927	1	0.1%	2,600	2,695	-95	-3.5%
April	81	81	0	0.0%	586	587	-1	-0.2%
May	23,424	23,505	-81	-0.3%	6,383	6,403	-20	-0.3%
June	648,014	639,529	8,485	1.3%	160,407	168,477	-8,070	-4.8%
July	472,023	485,295	-13,272	-2.7%	70,460	62,930	7,530	12.0%
August	77,168	76,336	832	1.1%	10,587	10,856	-269	-2.5%
September	5,072	4,662	410	8.8%	5,909	5,121	788	15.4%
Annual Average	1,290,709	1,292,047	-1,338	-0.1%	283,637	282,403	1,234	0.4%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	503	459	44	9.6%	1,297	1,284	13	1.0%
November	8,688	6,638	2,050	30.9%	1,125	1,018	107	10.5%
December	6,359	6,532	-173	-2.6%	2,488	2,591	-103	-4.0%
January	2,179	2,168	11	0.5%	3,722	3,744	-22	-0.6%
February	4,285	4,580	-295	-6.4%	4,690	4,375	315	7.2%
March	5,138	5,205	-67	-1.3%	12,922	12,869	53	0.4%
April	322	322	0	0.0%	755	756	-1	-0.1%
May	945	947	-2	-0.2%	13,515	13,530	-15	-0.1%
June	31,043	28,261	2,782	9.8%	43,641	48,973	-5,332	-10.9%
July	18,991	19,063	-72	-0.4%	14,989	15,508	-519	-3.3%
August	2,961	3,012	-51	-1.7%	6,832	6,989	-157	-2.2%
September	767	739	28	3.8%	1,326	1,305	21	1.6%
Annual Average	82,181	77,923	4,258	5.5%	107,302	112,942	-5,640	-5.0%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	55,240	49,952	5,288	10.6%	4,434	4,027	407	10.1%
November	96,356	76,186	20,170	26.5%	18,624	17,448	1,176	6.7%
December	45,377	43,887	1,490	3.4%	15,017	15,048	-31	-0.2%
January	11,024	10,373	651	6.3%	13,897	13,358	539	4.0%
February	10,400	10,629	-229	-2.2%	15,217	15,124	93	0.6%
March	3,293	3,300	-7	-0.2%	15,222	15,445	-223	-1.4%
April	858	866	-8	-0.9%	2,215	2,181	34	1.6%
May	4,961	5,146	-185	-3.6%	52,661	54,801	-2,140	-3.9%
June	342,442	354,442	-12,000	-3.4%	200,069	222,274	-22,205	-10.0%
July	395,918	394,417	1,501	0.4%	123,856	122,348	1,508	1.2%
August	31,483	28,225	3,258	11.5%	8,940	8,541	399	4.7%
September	1,546	1,297	249	19.2%	3,124	2,961	163	5.5%
Annual Average	998,896	978,721	20,175	2.1%	473,275	493,557	-20,282	-4.1%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	281	271	10	3.7%	74	72	2	2.8%
November	71	48	23	47.9%	178	171	7	4.1%
December	915	892	23	2.6%	207	219	-12	-5.5%
January	11,068	9,070	1,998	22.0%	3,079	2,676	403	15.1%
February	3,051	3,029	22	0.7%	3,142	2,479	663	26.7%
March	389	395	-6	-1.5%	611	650	-39	-6.0%
April	19	18	1	5.6%	42	42	0	0.0%
May	631	502	129	25.7%	5,709	5,909	-200	-3.4%
June	3,788	4,281	-493	-11.5%	23,404	22,277	1,127	5.1%
July	25,317	24,658	659	2.7%	23,859	23,227	632	2.7%
August	1,222	599	623	104.0%	1,181	1,191	-10	-0.8%
September	487	337	150	44.5%	534	484	50	10.3%
Annual Average	47,239	44,099	3,140	7.1%	62,020	59,396	2,624	4.4%

Striped Bass

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	36,186	32,545	3,641	11.2%	8,115	7,381	734	9.9%
November	57,205	44,668	12,537	28.1%	11,574	10,916	658	6.0%
December	43,427	43,161	266	0.6%	9,519	9,096	423	4.7%
January	8,741	8,634	107	1.2%	11,063	10,669	394	3.7%
February	5,972	6,043	-71	-1.2%	13,155	13,017	138	1.1%
March	2,236	2,271	-35	-1.5%	6,335	6,554	-219	-3.3%
April	481	474	7	1.5%	1,309	1,311	-2	-0.2%
May	40,407	37,492	2,915	7.8%	33,610	34,154	-544	-1.6%
June	469,631	447,001	22,630	5.1%	284,380	284,565	-185	-0.1%
July	656,845	657,801	-956	-0.1%	147,281	144,682	2,599	1.8%
August	216,033	211,702	4,331	2.0%	21,190	21,047	143	0.7%
September	21,769	18,846	2,923	15.5%	10,532	9,398	1,134	12.1%
Annual Average	1,558,933	1,510,637	48,296	3.2%	558,064	552,790	5,274	1.0%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	41,209	36,850	4,359	11.8%	12,794	11,387	1,407	12.4%
November	54,035	44,886	9,149	20.4%	11,343	10,516	827	7.9%
December	50,041	49,463	578	1.2%	9,432	9,195	237	2.6%
January	9,644	9,668	-24	-0.2%	12,385	11,925	460	3.9%
February	4,604	4,844	-240	-5.0%	15,354	15,293	61	0.4%
March	1,629	1,608	21	1.3%	2,465	2,558	-93	-3.6%
April	449	428	21	4.9%	1,185	1,191	-6	-0.5%
May	72,620	66,543	6,077	9.1%	34,910	35,036	-126	-0.4%
June	572,529	543,622	28,907	5.3%	405,386	402,061	3,325	0.8%
July	980,354	974,696	5,658	0.6%	205,337	203,977	1,360	0.7%
August	399,542	391,250	8,292	2.1%	33,841	33,811	30	0.1%
September	41,859	36,111	5,748	15.9%	17,796	15,792	2,004	12.7%
Annual Average	2,228,515	2,159,968	68,547	3.2%	762,230	752,743	9,487	1.3%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	788	747	41	5.5%	4,531	4,021	510	12.7%
November	10,873	10,350	523	5.1%	6,092	5,394	698	12.9%
December	43,343	45,572	-2,229	-4.9%	4,300	4,236	64	1.5%
January	2,913	2,888	25	0.9%	5,987	5,882	105	1.8%
February	3,622	3,832	-210	-5.5%	6,793	6,518	275	4.2%
March	1,893	1,921	-28	-1.5%	2,656	2,590	66	2.5%
April	81	82	-1	-1.2%	586	590	-4	-0.7%
May	23,424	23,530	-106	-0.5%	6,383	6,409	-26	-0.4%
June	658,366	639,911	18,455	2.9%	157,520	170,972	-13,452	-7.9%
July	466,696	490,069	-23,373	-4.8%	70,637	63,561	7,076	11.1%
August	76,372	73,723	2,649	3.6%	10,574	10,591	-17	-0.2%
September	4,952	4,619	333	7.2%	5,903	5,158	745	14.4%
Annual Average	1,293,322	1,297,245	-3,923	-0.3%	281,961	285,922	-3,961	-1.4%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	504	496	8	1.6%	1,313	1,285	28	2.2%
November	8,586	7,121	1,465	20.6%	1,091	1,055	36	3.4%
December	6,336	6,597	-261	-4.0%	2,608	2,464	144	5.8%
January	2,082	2,082	0	0.0%	3,909	3,967	-58	-1.5%
February	4,287	4,277	10	0.2%	4,747	5,003	-256	-5.1%
March	5,165	5,165	0	0.0%	13,081	13,257	-176	-1.3%
April	322	323	-1	-0.3%	755	757	-2	-0.3%
May	945	947	-2	-0.2%	13,514	13,475	39	0.3%
June	30,980	31,390	-410	-1.3%	43,868	46,673	-2,805	-6.0%
July	18,944	19,097	-153	-0.8%	15,777	14,821	956	6.5%
August	2,990	2,978	12	0.4%	6,894	6,877	17	0.2%
September	804	798	6	0.8%	1,331	1,254	77	6.1%
Annual Average	81,943	81,271	672	0.8%	108,887	110,889	-2,002	-1.8%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	57,731	52,279	5,452	10.4%	4,123	4,234	-111	-2.6%
November	105,069	76,170	28,899	37.9%	18,670	18,109	561	3.1%
December	45,828	44,725	1,103	2.5%	15,181	14,116	1,065	7.5%
January	10,932	10,678	254	2.4%	13,924	13,382	542	4.1%
February	10,388	10,183	205	2.0%	15,717	15,364	353	2.3%
March	3,243	3,399	-156	-4.6%	14,804	15,436	-632	-4.1%
April	845	859	-14	-1.6%	2,215	2,205	10	0.5%
May	5,038	5,284	-246	-4.7%	53,432	55,142	-1,710	-3.1%
June	352,382	330,768	21,614	6.5%	219,661	219,113	548	0.3%
July	397,061	398,808	-1,747	-0.4%	126,627	123,458	3,169	2.6%
August	31,741	32,254	-513	-1.6%	9,750	9,265	485	5.2%
September	1,540	1,386	154	11.1%	3,197	3,043	154	5.1%
Annual Average	1,021,798	966,795	55,003	5.7%	497,302	492,867	4,435	0.9%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	317	293	24	8.2%	71	72	-1	-1.4%
November	71	54	17	31.5%	177	167	10	6.0%
December	903	927	-24	-2.6%	210	211	-1	-0.5%
January	11,074	10,055	1,019	10.1%	3,148	2,964	184	6.2%
February	3,311	2,879	432	15.0%	2,846	3,110	-264	-8.5%
March	396	355	41	11.5%	618	618	0	0.0%
April	19	18	1	5.6%	43	42	1	2.4%
May	629	536	93	17.4%	5,727	6,034	-307	-5.1%
June	3,943	3,811	132	3.5%	22,972	22,728	244	1.1%
July	25,534	27,075	-1,541	-5.7%	25,611	24,524	1,087	4.4%
August	1,309	732	577	78.8%	1,306	1,357	-51	-3.8%
September	420	303	117	38.6%	466	492	-26	-5.3%
Annual Average	47,926	47,037	889	1.9%	63,195	62,320	875	1.4%

Striped Bass

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	36,186	31,009	5,177	16.7%	8,115	7,408	707	9.5%
November	57,205	44,568	12,637	28.4%	11,574	10,892	682	6.3%
December	43,427	43,289	138	0.3%	9,519	9,432	87	0.9%
January	8,741	8,564	177	2.1%	11,063	10,728	335	3.1%
February	5,972	6,190	-218	-3.5%	13,155	12,522	633	5.1%
March	2,236	2,274	-38	-1.7%	6,335	6,503	-168	-2.6%
April	481	487	-6	-1.2%	1,309	1,302	7	0.5%
May	40,407	40,518	-111	-0.3%	33,610	33,993	-383	-1.1%
June	469,631	467,146	2,485	0.5%	284,380	287,542	-3,162	-1.1%
July	656,845	660,165	-3,320	-0.5%	147,281	144,541	2,740	1.9%
August	216,033	215,543	490	0.2%	21,190	21,162	28	0.1%
September	21,769	19,899	1,870	9.4%	10,532	9,475	1,057	11.2%
Annual Average	1,558,933	1,539,652	19,281	1.3%	558,064	555,501	2,563	0.5%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	41,209	35,033	6,176	17.6%	12,794	11,533	1,261	10.9%
November	54,035	45,032	9,003	20.0%	11,343	10,784	559	5.2%
December	50,041	50,708	-667	-1.3%	9,432	9,323	109	1.2%
January	9,644	9,713	-69	-0.7%	12,385	12,165	220	1.8%
February	4,604	4,830	-226	-4.7%	15,354	14,791	563	3.8%
March	1,629	1,660	-31	-1.9%	2,465	2,460	5	0.2%
April	449	450	-1	-0.2%	1,185	1,188	-3	-0.3%
May	72,620	72,776	-156	-0.2%	34,910	34,905	5	0.0%
June	572,529	571,820	709	0.1%	405,386	406,841	-1,455	-0.4%
July	980,354	983,477	-3,123	-0.3%	205,337	204,526	811	0.4%
August	399,542	400,567	-1,025	-0.3%	33,841	34,376	-535	-1.6%
September	41,859	38,291	3,568	9.3%	17,796	15,999	1,797	11.2%
Annual Average	2,228,515	2,214,356	14,159	0.6%	762,230	758,891	3,339	0.4%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	788	714	74	10.4%	4,531	4,101	430	10.5%
November	10,873	9,250	1,623	17.5%	6,092	5,587	505	9.0%
December	43,343	43,729	-386	-0.9%	4,300	4,327	-27	-0.6%
January	2,913	3,113	-200	-6.4%	5,987	5,680	307	5.4%
February	3,622	3,906	-284	-7.3%	6,793	5,639	1,154	20.5%
March	1,893	1,927	-34	-1.8%	2,656	2,695	-39	-1.4%
April	81	81	0	0.0%	586	587	-1	-0.2%
May	23,424	23,505	-81	-0.3%	6,383	6,403	-20	-0.3%
June	658,366	639,529	18,837	2.9%	157,520	168,477	-10,957	-6.5%
July	466,696	485,295	-18,599	-3.8%	70,637	62,930	7,707	12.2%
August	76,372	76,336	36	0.0%	10,574	10,856	-282	-2.6%
September	4,952	4,662	290	6.2%	5,903	5,121	782	15.3%
Annual Average	1,293,322	1,292,047	1,275	0.1%	281,961	282,403	-442	-0.2%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	504	459	45	9.8%	1,313	1,284	29	2.3%
November	8,586	6,638	1,948	29.3%	1,091	1,018	73	7.2%
December	6,336	6,532	-196	-3.0%	2,608	2,591	17	0.7%
January	2,082	2,168	-86	-4.0%	3,909	3,744	165	4.4%
February	4,287	4,580	-293	-6.4%	4,747	4,375	372	8.5%
March	5,165	5,205	-40	-0.8%	13,081	12,869	212	1.6%
April	322	322	0	0.0%	755	756	-1	-0.1%
May	945	947	-2	-0.2%	13,514	13,530	-16	-0.1%
June	30,980	28,261	2,719	9.6%	43,868	48,973	-5,105	-10.4%
July	18,944	19,063	-119	-0.6%	15,777	15,508	269	1.7%
August	2,990	3,012	-22	-0.7%	6,894	6,989	-95	-1.4%
September	804	739	65	8.8%	1,331	1,305	26	2.0%
Annual Average	81,943	77,923	4,020	5.2%	108,887	112,942	-4,055	-3.6%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	57,731	49,952	7,779	15.6%	4,123	4,027	96	2.4%
November	105,069	76,186	28,883	37.9%	18,670	17,448	1,222	7.0%
December	45,828	43,887	1,941	4.4%	15,181	15,048	133	0.9%
January	10,932	10,373	559	5.4%	13,924	13,358	566	4.2%
February	10,388	10,629	-241	-2.3%	15,717	15,124	593	3.9%
March	3,243	3,300	-57	-1.7%	14,804	15,445	-641	-4.2%
April	845	866	-21	-2.4%	2,215	2,181	34	1.6%
May	5,038	5,146	-108	-2.1%	53,432	54,801	-1,369	-2.5%
June	352,382	354,442	-2,060	-0.6%	219,661	222,274	-2,613	-1.2%
July	397,061	394,417	2,644	0.7%	126,627	122,348	4,279	3.5%
August	31,741	28,225	3,516	12.5%	9,750	8,541	1,209	14.2%
September	1,540	1,297	243	18.7%	3,197	2,961	236	8.0%
Annual Average	1,021,798	978,721	43,077	4.4%	497,302	493,557	3,745	0.8%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	317	271	46	17.0%	71	72	-1	-1.4%
November	71	48	23	47.9%	177	171	6	3.5%
December	903	892	11	1.2%	210	219	-9	-4.1%
January	11,074	9,070	2,004	22.1%	3,148	2,676	472	17.6%
February	3,311	3,029	282	9.3%	2,846	2,479	367	14.8%
March	396	395	1	0.3%	618	650	-32	-4.9%
April	19	18	1	5.6%	43	42	1	2.4%
May	629	502	127	25.3%	5,727	5,909	-182	-3.1%
June	3,943	4,281	-338	-7.9%	22,972	22,277	695	3.1%
July	25,534	24,658	876	3.6%	25,611	23,227	2,384	10.3%
August	1,309	599	710	118.5%	1,306	1,191	115	9.7%
September	420	337	83	24.6%	466	484	-18	-3.7%
Annual Average	47,926	44,099	3,827	8.7%	63,195	59,396	3,799	6.4%

White Sturgeon

White Sturgeon

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	1	1	0	0.0%	0	0	0	N/A
January	3	3	0	0.0%	1	1	0	0.0%
February	2	2	0	0.0%	2	2	0	0.0%
March	1	1	0	0.0%	3	3	0	0.0%
April	0	0	0	N/A	1	1	0	0.0%
May	120	111	9	8.1%	56	57	-1	-1.8%
June	74	71	3	4.2%	9	9	0	0.0%
July	7	7	0	0.0%	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	208	195	13	6.7%	73	73	0	0.0%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	25	27	-2	-7.4%	54	54	0	0.0%
November	38	38	0	0.0%	37	36	1	2.8%
December	17	16	1	6.3%	11	11	0	0.0%
January	61	61	0	0.0%	7	7	0	0.0%
February	46	46	0	0.0%	14	15	-1	-6.7%
March	10	10	0	0.0%	12	12	0	0.0%
April	2	2	0	0.0%	4	4	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	11	11	0	0.0%	7	7	0	0.0%
July	13	13	0	0.0%	20	19	1	5.3%
August	18	18	0	0.0%	12	12	0	0.0%
September	17	16	1	6.3%	24	24	0	0.0%
Annual Average	257	256	1	0.4%	202	201	1	0.5%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	2	2	0	0.0%	0	0	0	N/A
November	0	0	0	N/A	3	3	0	0.0%
December	10	11	-1	-9.1%	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	1	1	0	0.0%	0	0	0	N/A
March	1	1	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	2	2	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	3	3	0	0.0%
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	14	14	0	0.0%	8	8	0	0.0%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	0	0	0	N/A	8	9	-1	-11.1%
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	8	9	-1	-11.1%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	1	1	0	0.0%	0	0	0	N/A
December	7	7	0	0.0%	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	1	1	0	0.0%	2	2	0	0.0%
March	0	0	0	N/A	3	3	0	0.0%
April	0	0	0	N/A	2	2	0	0.0%
May	2	2	0	0.0%	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	6	6	0	0.0%
August	4	5	-1	-20.0%	3	3	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	16	17	-1	-5.9%	15	16	-1	-6.3%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	No Action	Existing Condition	Difference		No Action	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	5	6	-1	-16.7%	0	0	0	N/A
November	5	6	-1	-16.7%	0	0	0	N/A
December	3	3	0	0.0%	0	0	0	N/A
January	3	4	-1	-25.0%	0	0	0	N/A
February	4	4	0	0.0%	0	0	0	N/A
March	2	2	0	0.0%	0	0	0	N/A
April	5	5	0	0.0%	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	7	6	1	16.7%	0	0	0	N/A
Annual Average	35	35	0	0.0%	0	0	0	N/A

White Sturgeon

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	15	14	1	7.1%	29	27	2	7.4%
November	21	19	2	10.5%	19	18	1	5.6%
December	12	11	1	9.1%	6	5	1	20.0%
January	30	30	0	0.0%	3	3	0	0.0%
February	22	23	-1	-4.3%	8	8	0	0.0%
March	5	5	0	0.0%	7	7	0	0.0%
April	1	1	0	0.0%	3	3	0	0.0%
May	1	1	0	0.0%	0	0	0	N/A
June	5	5	0	0.0%	4	4	0	0.0%
July	6	6	0	0.0%	11	11	0	0.0%
August	10	10	0	0.0%	7	7	0	0.0%
September	9	8	1	12.5%	13	12	1	8.3%
Annual Average	139	134	5	3.7%	110	105	5	4.8%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	29	27	2	7.4%	60	54	6	11.1%
November	41	38	3	7.9%	37	36	1	2.8%
December	16	16	0	0.0%	11	11	0	0.0%
January	61	61	0	0.0%	7	7	0	0.0%
February	44	46	-2	-4.3%	15	15	0	0.0%
March	10	10	0	0.0%	12	12	0	0.0%
April	2	2	0	0.0%	4	4	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	11	11	0	0.0%	7	7	0	0.0%
July	13	13	0	0.0%	19	19	0	0.0%
August	18	18	0	0.0%	12	12	0	0.0%
September	18	16	2	12.5%	27	24	3	12.5%
Annual Average	264	256	8	3.1%	211	201	10	5.0%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	2	2	0	0.0%	0	0	0	N/A
November	0	0	0	N/A	3	3	0	0.0%
December	10	11	-1	-9.1%	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	1	1	0	0.0%	0	0	0	N/A
March	1	1	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	2	2	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	3	3	0	0.0%
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	14	14	0	0.0%	8	8	0	0.0%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	0	0	0	N/A	9	9	0	0.0%
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	9	9	0	0.0%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	1	1	0	0.0%	0	0	0	N/A
December	7	7	0	0.0%	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	1	1	0	0.0%	2	2	0	0.0%
March	0	0	0	N/A	3	3	0	0.0%
April	0	0	0	N/A	2	2	0	0.0%
May	2	2	0	0.0%	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	6	6	0	0.0%
August	5	5	0	0.0%	3	3	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	18	17	1	5.9%	16	16	0	0.0%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	Existing Condition	Difference		Alternative A	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	6	6	0	0.0%	0	0	0	N/A
November	8	6	2	33.3%	0	0	0	N/A
December	3	3	0	0.0%	0	0	0	N/A
January	4	4	0	0.0%	0	0	0	N/A
February	5	4	1	25.0%	0	0	0	N/A
March	2	2	0	0.0%	0	0	0	N/A
April	5	5	0	0.0%	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	10	6	4	66.7%	0	0	0	N/A
Annual Average	42	35	7	20.0%	0	0	0	N/A

White Sturgeon

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	15	13	2	15.4%	29	27	2	7.4%
November	21	19	2	10.5%	19	18	1	5.6%
December	12	11	1	9.1%	6	5	1	20.0%
January	30	30	0	0.0%	3	3	0	0.0%
February	22	23	-1	-4.3%	8	8	0	0.0%
March	5	5	0	0.0%	7	7	0	0.0%
April	1	1	0	0.0%	3	3	0	0.0%
May	1	1	0	0.0%	0	0	0	N/A
June	5	5	0	0.0%	4	4	0	0.0%
July	6	7	-1	-14.3%	11	11	0	0.0%
August	10	10	0	0.0%	7	7	0	0.0%
September	9	9	0	0.0%	13	12	1	8.3%
Annual Average	139	135	4	3.0%	110	105	5	4.8%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	29	25	4	16.0%	60	54	6	11.1%
November	41	38	3	7.9%	37	37	0	0.0%
December	16	17	-1	-5.9%	11	11	0	0.0%
January	61	61	0	0.0%	7	7	0	0.0%
February	44	46	-2	-4.3%	15	14	1	7.1%
March	10	10	0	0.0%	12	12	0	0.0%
April	2	2	0	0.0%	4	4	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	11	11	0	0.0%	7	7	0	0.0%
July	13	13	0	0.0%	19	20	-1	-5.0%
August	18	18	0	0.0%	12	12	0	0.0%
September	18	17	1	5.9%	27	24	3	12.5%
Annual Average	264	257	7	2.7%	211	202	9	4.5%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	2	2	0	0.0%	0	0	0	N/A
November	0	0	0	N/A	3	3	0	0.0%
December	10	10	0	0.0%	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	1	1	0	0.0%	0	0	0	N/A
March	1	1	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	2	2	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	3	3	0	0.0%
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	14	14	0	0.0%	8	8	0	0.0%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	0	0	0	N/A	9	8	1	12.5%
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	9	8	1	12.5%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	1	1	0	0.0%	0	0	0	N/A
December	7	7	0	0.0%	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	1	1	0	0.0%	2	2	0	0.0%
March	0	0	0	N/A	3	3	0	0.0%
April	0	0	0	N/A	2	2	0	0.0%
May	2	2	0	0.0%	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	6	6	0	0.0%
August	5	4	1	25.0%	3	3	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	18	16	2	12.5%	16	15	1	6.7%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative A	No Action	Difference		Alternative A	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	6	5	1	20.0%	0	0	0	N/A
November	8	5	3	60.0%	0	0	0	N/A
December	3	3	0	0.0%	0	0	0	N/A
January	4	3	1	33.3%	0	0	0	N/A
February	5	4	1	25.0%	0	0	0	N/A
March	2	2	0	0.0%	0	0	0	N/A
April	5	5	0	0.0%	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	10	7	3	42.9%	0	0	0	N/A
Annual Average	42	35	7	20.0%	0	0	0	N/A

White Sturgeon

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	15	14	1	7.1%	30	27	3	11.1%
November	22	19	3	15.8%	19	18	1	5.6%
December	11	11	0	0.0%	6	5	1	20.0%
January	30	30	0	0.0%	3	3	0	0.0%
February	22	23	-1	-4.3%	8	8	0	0.0%
March	6	5	1	20.0%	7	7	0	0.0%
April	1	1	0	0.0%	3	3	0	0.0%
May	1	1	0	0.0%	0	0	0	N/A
June	5	5	0	0.0%	4	4	0	0.0%
July	6	6	0	0.0%	11	11	0	0.0%
August	10	10	0	0.0%	7	7	0	0.0%
September	9	8	1	12.5%	13	12	1	8.3%
Annual Average	140	134	6	4.5%	111	105	6	5.7%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	29	27	2	7.4%	61	54	7	13.0%
November	44	38	6	15.8%	38	36	2	5.6%
December	16	16	0	0.0%	11	11	0	0.0%
January	61	61	0	0.0%	7	7	0	0.0%
February	44	46	-2	-4.3%	15	15	0	0.0%
March	10	10	0	0.0%	12	12	0	0.0%
April	2	2	0	0.0%	4	4	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	11	11	0	0.0%	7	7	0	0.0%
July	13	13	0	0.0%	19	19	0	0.0%
August	18	18	0	0.0%	12	12	0	0.0%
September	18	16	2	12.5%	27	24	3	12.5%
Annual Average	267	256	11	4.3%	213	201	12	6.0%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	2	2	0	0.0%	0	0	0	N/A
November	0	0	0	N/A	4	3	1	33.3%
December	10	11	-1	-9.1%	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	1	1	0	0.0%	0	0	0	N/A
March	1	1	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	2	2	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	3	3	0	0.0%
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	14	14	0	0.0%	8	8	0	0.0%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A			0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	0	0	0	N/A	8	9	-1	-11.1%
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	8	9	-1	-11.1%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	1	1	0	0.0%	0	0	0	N/A
December	7	7	0	0.0%	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	1	1	0	0.0%	2	2	0	0.0%
March	0	0	0	N/A	3	3	0	0.0%
April	0	0	0	N/A	2	2	0	0.0%
May	2	2	0	0.0%	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	6	6	0	0.0%
August	5	5	0	0.0%	3	3	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	17	17	0	0.0%	16	16	0	0.0%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	Existing Condition	Difference		Alternative B	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	6	6	0	0.0%	0	0	0	N/A
November	8	6	2	33.3%	0	0	0	N/A
December	3	3	0	0.0%	0	0	0	N/A
January	4	4	0	0.0%	0	0	0	N/A
February	4	4	0	0.0%	0	0	0	N/A
March	2	2	0	0.0%	0	0	0	N/A
April	5	5	0	0.0%	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	10	6	4	66.7%	0	0	0	N/A
Annual Average	42	35	7	20.0%	0	0	0	N/A

White Sturgeon

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	15	13	2	15.4%	30	27	3	11.1%
November	22	19	3	15.8%	19	18	1	5.6%
December	11	11	0	0.0%	6	5	1	20.0%
January	30	30	0	0.0%	3	3	0	0.0%
February	22	23	-1	-4.3%	8	8	0	0.0%
March	6	5	1	20.0%	7	7	0	0.0%
April	1	1	0	0.0%	3	3	0	0.0%
May	1	1	0	0.0%	0	0	0	N/A
June	5	5	0	0.0%	4	4	0	0.0%
July	6	7	-1	-14.3%	11	11	0	0.0%
August	10	10	0	0.0%	7	7	0	0.0%
September	9	9	0	0.0%	13	12	1	8.3%
Annual Average	140	135	5	3.7%	111	105	6	5.7%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	29	25	4	16.0%	61	54	7	13.0%
November	44	38	6	15.8%	38	37	1	2.7%
December	16	17	-1	-5.9%	11	11	0	0.0%
January	61	61	0	0.0%	7	7	0	0.0%
February	44	46	-2	-4.3%	15	14	1	7.1%
March	10	10	0	0.0%	12	12	0	0.0%
April	2	2	0	0.0%	4	4	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	11	11	0	0.0%	7	7	0	0.0%
July	13	13	0	0.0%	19	20	-1	-5.0%
August	18	18	0	0.0%	12	12	0	0.0%
September	18	17	1	5.9%	27	24	3	12.5%
Annual Average	267	257	10	3.9%	213	202	11	5.4%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	2	2	0	0.0%	0	0	0	N/A
November	0	0	0	N/A	4	3	1	33.3%
December	10	10	0	0.0%	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	1	1	0	0.0%	0	0	0	N/A
March	1	1	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	2	2	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	3	3	0	0.0%
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	14	14	0	0.0%	8	8	0	0.0%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	0	0	0	N/A	8	8	0	0.0%
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	8	8	0	0.0%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	1	1	0	0.0%	0	0	0	N/A
December	7	7	0	0.0%	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	1	1	0	0.0%	2	2	0	0.0%
March	0	0	0	N/A	3	3	0	0.0%
April	0	0	0	N/A	2	2	0	0.0%
May	2	2	0	0.0%	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	6	6	0	0.0%
August	5	4	1	25.0%	3	3	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	17	16	1	6.3%	16	15	1	6.7%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative B	No Action	Difference		Alternative B	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	6	5	1	20.0%	0	0	0	N/A
November	8	5	3	60.0%	0	0	0	N/A
December	3	3	0	0.0%	0	0	0	N/A
January	4	3	1	33.3%	0	0	0	N/A
February	4	4	0	0.0%	0	0	0	N/A
March	2	2	0	0.0%	0	0	0	N/A
April	5	5	0	0.0%	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	10	7	3	42.9%	0	0	0	N/A
Annual Average	42	35	7	20.0%	0	0	0	N/A

White Sturgeon

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	16	14	2	14.3%	30	27	3	11.1%
November	23	19	4	21.1%	19	18	1	5.6%
December	11	11	0	0.0%	6	5	1	20.0%
January	30	30	0	0.0%	3	3	0	0.0%
February	22	23	-1	-4.3%	8	8	0	0.0%
March	5	5	0	0.0%	7	7	0	0.0%
April	1	1	0	0.0%	3	3	0	0.0%
May	1	1	0	0.0%	0	0	0	N/A
June	5	5	0	0.0%	4	4	0	0.0%
July	6	6	0	0.0%	11	11	0	0.0%
August	10	10	0	0.0%	7	7	0	0.0%
September	9	8	1	12.5%	13	12	1	8.3%
Annual Average	141	134	7	5.2%	111	105	6	5.7%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	30	27	3	11.1%	60	54	6	11.1%
November	45	38	7	18.4%	39	36	3	8.3%
December	16	16	0	0.0%	11	11	0	0.0%
January	60	61	-1	-1.6%	7	7	0	0.0%
February	44	46	-2	-4.3%	15	15	0	0.0%
March	10	10	0	0.0%	12	12	0	0.0%
April	2	2	0	0.0%	4	4	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	11	11	0	0.0%	7	7	0	0.0%
July	13	13	0	0.0%	20	19	1	5.3%
August	18	18	0	0.0%	12	12	0	0.0%
September	18	16	2	12.5%	27	24	3	12.5%
Annual Average	268	256	12	4.7%	213	201	12	6.0%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	2	2	0	0.0%	0	0	0	N/A
November	0	0	0	N/A	4	3	1	33.3%
December	10	11	-1	-9.1%	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	1	1	0	0.0%	0	0	0	N/A
March	1	1	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	2	2	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	3	3	0	0.0%
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	14	14	0	0.0%	8	8	0	0.0%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	0	0	0	N/A	8	9	-1	-11.1%
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	8	9	-1	-11.1%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	2	1	1	100.0%	0	0	0	N/A
December	7	7	0	0.0%	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	1	1	0	0.0%	2	2	0	0.0%
March	0	0	0	N/A	3	3	0	0.0%
April	0	0	0	N/A	2	2	0	0.0%
May	2	2	0	0.0%	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	6	6	0	0.0%
August	5	5	0	0.0%	3	3	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	18	17	1	5.9%	16	16	0	0.0%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	Existing Condition	Difference		Alternative C	Existing Condition	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	6	6	0	0.0%	0	0	0	N/A
November	8	6	2	33.3%	0	0	0	N/A
December	3	3	0	0.0%	0	0	0	N/A
January	4	4	0	0.0%	0	0	0	N/A
February	5	4	1	25.0%	0	0	0	N/A
March	2	2	0	0.0%	0	0	0	N/A
April	5	5	0	0.0%	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	8	6	2	33.3%	0	0	0	N/A
Annual Average	42	35	7	20.0%	0	0	0	N/A

White Sturgeon

All Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 264)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	16	13	3	23.1%	30	27	3	11.1%
November	23	19	4	21.1%	19	18	1	5.6%
December	11	11	0	0.0%	6	5	1	20.0%
January	30	30	0	0.0%	3	3	0	0.0%
February	22	23	-1	-4.3%	8	8	0	0.0%
March	5	5	0	0.0%	7	7	0	0.0%
April	1	1	0	0.0%	3	3	0	0.0%
May	1	1	0	0.0%	0	0	0	N/A
June	5	5	0	0.0%	4	4	0	0.0%
July	6	7	-1	-14.3%	11	11	0	0.0%
August	10	10	0	0.0%	7	7	0	0.0%
September	9	9	0	0.0%	13	12	1	8.3%
Annual Average	141	135	6	4.4%	111	105	6	5.7%

Wet Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 130)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	30	25	5	20.0%	60	54	6	11.1%
November	45	38	7	18.4%	39	37	2	5.4%
December	16	17	-1	-5.9%	11	11	0	0.0%
January	60	61	-1	-1.6%	7	7	0	0.0%
February	44	46	-2	-4.3%	15	14	1	7.1%
March	10	10	0	0.0%	12	12	0	0.0%
April	2	2	0	0.0%	4	4	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	11	11	0	0.0%	7	7	0	0.0%
July	13	13	0	0.0%	20	20	0	0.0%
August	18	18	0	0.0%	12	12	0	0.0%
September	18	17	1	5.9%	27	24	3	12.5%
Annual Average	268	257	11	4.3%	213	202	11	5.4%

Above Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 36)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	2	2	0	0.0%	0	0	0	N/A
November	0	0	0	N/A	4	3	1	33.3%
December	10	10	0	0.0%	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	1	1	0	0.0%	0	0	0	N/A
March	1	1	0	0.0%	0	0	0	N/A
April	0	0	0	N/A	2	2	0	0.0%
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	3	3	0	0.0%
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	14	14	0	0.0%	8	8	0	0.0%

Below Normal Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 14)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	0	0	0	N/A	0	0	0	N/A
November	0	0	0	N/A	0	0	0	N/A
December	0	0	0	N/A	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	0	0	0	N/A	8	8	0	0.0%
March	0	0	0	N/A	0	0	0	N/A
April	0	0	0	N/A	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	0	0	0	N/A	0	0	0	N/A
Annual Average	0	0	0	N/A	8	8	0	0.0%

Dry Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 72)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	1	1	0	0.0%	0	0	0	N/A
November	2	1	1	100.0%	0	0	0	N/A
December	7	7	0	0.0%	0	0	0	N/A
January	0	0	0	N/A	0	0	0	N/A
February	1	1	0	0.0%	2	2	0	0.0%
March	0	0	0	N/A	3	3	0	0.0%
April	0	0	0	N/A	2	2	0	0.0%
May	2	2	0	0.0%	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	6	6	0	0.0%
August	5	4	1	25.0%	3	3	0	0.0%
September	0	0	0	N/A	0	0	0	N/A
Annual Average	18	16	2	12.5%	16	15	1	6.7%

Critical Water Years in Sampled Salvage Period 10/1995 - 9/2009 and Export Period 10/1995 - 9/2009 (n = 12)

Month	State Water Project (SWP)				Central Valley Project (CVP)			
	Alternative C	No Action	Difference		Alternative C	No Action	Difference	
	Average	Average	Absolute	Relative (%)	Average	Average	Absolute	Relative (%)
October	6	5	1	20.0%	0	0	0	N/A
November	8	5	3	60.0%	0	0	0	N/A
December	3	3	0	0.0%	0	0	0	N/A
January	4	3	1	33.3%	0	0	0	N/A
February	5	4	1	25.0%	0	0	0	N/A
March	2	2	0	0.0%	0	0	0	N/A
April	5	5	0	0.0%	0	0	0	N/A
May	0	0	0	N/A	0	0	0	N/A
June	0	0	0	N/A	0	0	0	N/A
July	0	0	0	N/A	0	0	0	N/A
August	0	0	0	N/A	0	0	0	N/A
September	8	7	1	14.3%	0	0	0	N/A
Annual Average	42	35	7	20.0%	0	0	0	N/A